1888 Illustrated & Descriptive Catalogue of

Choice Farm, Garden & Flower Seeds.

SELECTED from MY OWN and the STOCKS OF THE MOST CELEBRATED EUROPEAN GROWERS.

NURSERIES "BROADLANDS" COTE St PAUL

WILLIAM EVANS

SEEDSMAN TO THE COUNCIL OF AGRICULTURE FOR THE PROVINCE OF QUEBEC

CANADA AGRICULTURAL WAREHOUSE

Nos. 85, 87, 89, 91 & 93, McGill St., Cor. 106 & 108, Foundling St

MONTREAL

W.C. DAVIDSON & Co LITH MONTREAL. PERRAULT PTG CO. PRINTERS. MONTREAL.

IMPORTANT NOTICE.

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The vitality of the greater portion of the seeds mentioned in this Catalogue have been thoroughly tested in my nursery and the percentage of each variety, that will vegetate carefully ascertained. No seed will be offered that I do not believe to be perfectly good. My greenhouses and grounds afford facilities that are unsurpassed for experimenting with and testing vegetables and flowers and those best suited to our climate, only, will be recommended, any new varieties that may be introduced and that are really desirable will be produced and offered to my customers.

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SEEDS BY MAIL.

Flower and Vegetable Seeds in small papers postpaid to all parts of Canada and the United States at the prices quoted in this catalogue.

Parcels of Seeds not over four lbs. weight can be forwarded to any Post Office in the Dominion for four cents per pound ; and parcels not over half a pound weight, to any part of the United States, at twenty cents per pound. Where large Parcels are required, they can be forwarded by freight or express to any station, without disappointment or loss.

As I do not place Seeds on commission in the hands of dealers, parties at a distance desirous of trying those offered by me are invited to send their orders direct to the House, or to the nearest store keeper who sells my seeds. Ask for Wm. Evans' seeds and take no others,

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ATTENTION TO CUSTOMERS.

It is the earnest wish of the proprietor that all the requirements and directions of his customers be scrupulously attended to, and the greatest care will be taken to carry out their instructions faithfully. If at any time, there is cause given for diséatisfaction, it will be rectified at the earliest possible moment, on his attention being called to it.

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HINTS TO CUSTOMERS ORDERING GOODS.

Please write your name and address in full, also nearest Railway Station or Shipping Port to where the goods are to be forwarded, and whether by freight or express. Send in your orders as early as possible in the Spring. The favor of your kind recommendation of the house to those of your friends requiring Seeds for the Garden, or Farm, Fruit or Ornamental Tree Plants or Flowers for Greenhouse or grounds, is respectfully requested.

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Any one to whom this catalogue may be addressed and who does not require it, will oblige the sender by handing it to some neighbor who may want to order Seeds.

WILLIAM EVANS' ILLUSTRATED CATALOGUE.

MONTREAL, JANUARY 1888.

I have now the pleasure to present my Thirty-third annual Descriptive Catalogue of Farm, Garden and Flower Seeds.

Having my warehouses centrally situated and of easy access, with every facility for supplying seeds, with large premises and extensive and complete stocks in each department, purchasers may rely upon having their orders filled with the greatest care and despatch, by reliable and experienced hands.

The Seeds now offered are, I believe, of the best quality, and I can confidently recommend them to my customers as being true and reliable. *Yet, while I exercise the greatest care in this matter, all seeds bought from me must be on the conditions that I give no warranty expressed or implied as to description, quality, growth, productiveness or any other matter of any seeds I sell, nor will I hold myself in any way responsible for the crop. All seeds bought from me must be accepted on these terms or returned.*

Having now had more than thirty years experience in the Seed Trade in this city, and being myself extensively engaged in the cultivation of vegetables and flowers, I have every facility for acquiring a practical knowledge of the varieties best suited to our soil and climate, and the opportunity of daily testing the purity and germinating quality of the Seeds offered. *These are special advantages of very great importance*, which I hope will be fully appreciated by my friends and the public.

Customers for Seeds, who may be desirous of procuring Fruit or Ornamental Trees, Flowering Shrubs and plants, as well as Garden and Farm Implements, Machines, &c., &c., will find it a great convenience to have their orders completed at the same establishment.

All orders from unknown correspondents must be accompanied by the cash.

Thanking you for your past kind patronage and soliciting the favor of your future commands, which shall have prompt and careful attention.

I remain,

Yours respectfully,

WM EVANS.

REMARKS ON THE CULTIVATION OF VEGETABLES.

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In making out the Vegetable Seed List, which will be found very complete, I have appended a few brief directions having reference to the time of sowing and general cultivation of the different varieties.

What is essential to the production of fine Vegetables is the proper tillage of the ground. Nothing can supersede the advantages accruing from deep culture. Where the spade is used, the ground should be dug from twelve to sixteen inches deep, and a liberal supply of well rotted manure mixed with the soil; the expense will be amply repaid by the increased production. Good drainage is also of the greatest importance, and is, in fact, the first thing to be attended to. As a general rule, it is best to sow and cultivate all crops in drills in preference to broadcast; the crop is tilled at less expense, for as soon as the seedling plant shows itself, the hoe can be applied between the rows and kept constantly at work during the growing season, for the purpose of eradicating the weeds and keeping the ground loose and porous.

Never work the ground when wet and heavy, as it renders it compact and lumpy during the whole season. By stirring the soil often during dry weather it will be better prepared to receive and retain moisture from the atmosphere.

The early maturity of many vegetables is of great importance to the cultivator; and for the promotion of this object it is necessary to start them in hot-beds very early in the spring; the trouble is not very great and much time is saved.

DIRECTIONS for the MAKING and MANAGEMENT of HOT-BEDS.

A warm position should be selected, fully exposed to the sun, facing the east or south, and sheltered by a fence or hedge on the west and north. The soil should, if possible, be light and dry, as in this case the bed can be sunk a foot or more in the ground; but if damp or cold it should be built on the surface.

Making the Bed.—A quantity of stable manure should be collected and thrown together in a heap, early in March. After remaining a few days it should be taken up and turned over, and after an interval of three or four days, repeat the same process. Let the manure remain three or four days in a heap, and then form the bed of any size that may be requisite, making it about a foot wider than the frame, all round. The bed should be not less than two and a half feet high, and made rather firm. Water if the manure be dry. The frame may be made any size, but the most convenient is eight feet by five, which will take two lights, four feet by five. Place about eight inches of light rich soil in the frame, after it is placed on the bed, so that the surface of the soil may be from six to eight inches from the top of the frame. After the bed has stood with lights on, but raised a few inches to let the steam escape, for a few days, the seed may be sown; and when the young plants make their appearance above the ground, give some air, day and night, in moderate weather, by raising the lights two or three inches; as the heat of the bed diminishes, increase the supply of air, to prevent the plants being drawn up. In severe weather, the frame and lights should be covered at night, with mats or straw, in high wind protect the side of the bed in the same way, or the current of air may extinguish the heat. As the plants increase in size, the supply of water may be augmented.

The frame should be nine to twelve inches deep at the front, and fifteen to eighteen inches at the back. This will give a slope to carry off the rain.

NOVELTIES IN VEGETABLE SEEDS.

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Beet, Imperial Dwarf Blood, new, leaves dark blood red, very little of the root grows over ground, flesh dark, smooth close texture....per pkt. 10c., per oz. 20c. per ¼lb. 0 50

Beet, Non Plus Ultra, deep crimson foliage .....per pkt. 10c., per oz. 0 20

Celery, Paris Golden Yellow, Large Solid, new, a distinct type, of fine flavor and a good keeper, when blanched, of a golden tint. A very desirable kind..... per pkt. 10c., per oz. 1 00 per 2 oz. 1 50

Cucumber, Long White Spine, Improved, Montreal grown Seed, superior to any other kind.....per pkt. 10c., per oz. 15c., per 2 oz. 25c., per ¼lb. 40c., per lb. 1 50

Lettuce, Montreal Market Gardeners, a fine, large, solid heading variety, superior in quality to most other sorts.....per pkt. 10c., per oz. 0 25

Onion Tripoli White Flat Mammoth, is the largest of the Tripoli sorts, diameter of the bulbs being 6½ to 7 inches, they are flat in form, silvery white skin, of a mild and fine flavor, unsurpassed for exhibition purposes.....per pkt. 0 25

Ornamental Gourds, superb collection of giant, medium sized and miniature ornamental Gourds .....each mixed pkt. 0 25

Parsley, Beauty of the Parterre, this is the most beautiful Parsley extant and differs materially from all other kinds. Charming for garnishing purposes, as well as for edgings, a space of 8 to 10 inches should be allowed for the plants to fully develope .....per pkt. 10c., per oz. 0

Radish, Scarlet Globe, of globular shape and brilliant red color, very short top, flesh tender and crisp.....per pkt. 0 10

Radish, White Olive shaped, new, very early, for delicacy of flavor preferable to the white summer turnip sort .....per pkt. 5c., per oz. 10c., per ¼ lb. 0 25

Squash, Evans' Mammoth selected from the finest specimens grown in Montreal, each weighing over 150 lbs . p. pkt. 20c , p. oz. 40c., p 2 oz 75c., p. ¼ lb. $1.25, p. lb. 4 00

Sooly Qua, Giant Chinese Cucumber, fruit is 5 to 6 feet long, dark glossy foliage, handsome flowers.....per pkt. 0 25

Tomato Alpha, a new variety, said to be earlier than any other variety, smoother and heavier than any Tomato, that approaches it in earliness and equal to the very best late varieties. Seed ripened within 100 days after sowing....per pkt. 40c., per oz. 1 00

Tomato Advance, this new variety is a cross between the Alpha and Livingston's perfection, it begins to ripen 90 days from time of sowing the seed, it is absolutely smooth, medium size, very productive, growing in clusters from 4 to 9, bright red color, very solid, does not rot and scarcely a fruit sets that does not mature..per pkt. 0 25

Tobacco, Lancaster and Pennsylvania, two new varieties of Tobacco superior in quality to any other kinds offered in this country. They are quite hardy and suited to this climate. They were tried here last season for the first time, and the results were most satisfactory.....each variety per pkt. 0 25

Vegetable Marrow, Muir's Hybrid, Prolific, very distinct in shape, being but little more in length than girth, almost equal in thickness at both ends, color beautiful cream, splendid flavor, when fully grown, measures about 14 by 12 inches .....per pkt. 0 10

I offer the following inducements to parties who wish to purchase packets in quantity. Seeds ordered in this way will be forwarded by Mail, prepaid, to any address in Canada or the United States.

PURCHASERS REMITTING

$1 00	may select Seeds, *in pkts*, at Catalogue prices, amounting to	$1	15
2 00	may select Seeds, *in pkts.*, at Catalogue prices, amounting to	2	35
3 00	may select Seeds, *in pkts.*, at Catalogue prices, amounting to	3	60
4 00	may select Seeds, *in pkts.*, at Catalogue prices, amounting to	4	80
5 00	may select Seeds, *in pkts.*, at Catalogue prices, amounting to	6	00

No variation will be made from the above rates.

I wish it distinctly understood by my correspondents that the above discount will be allowed *only* upon FLOWER AND VEGETABLE SEEDS IN PACKETS. SEEDS, WHEN ORDERED BY THE OUNCE OR POUND, WILL NOT BE INCLUDED.

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MIXED FLOWER SEEDS.

For several years past, I have put up a number of packages of Mixed Flower Seeds. These packets will be an acquisition to any one wishing to cultivate a variety of flowers with very little trouble. The seeds are fresh and genuine and have given satisfaction to all those who have tried them. I find the demand increasing every year, and call the special attention of the public to these flowers which are so easily cultivated. Price, 20 cts. per packet.

I ALSO OFFER CHOICE COLLECTIONS OF

AQUATICS. Seeds that grow in water,

SUITABLE FOR

AQUARIUMS, TANKS, FOUNTAINS, BASINS, &c., &c. Price, $1 00 each.

FARM AND GARDEN SEED.

ARTICHOKE.

Large Green Laon or Paris, best .....per pkt. 10c., per oz. 0 50

Culture.—Sow early in spring, in seed beds in drills one foot apart, and when well up, thin to six inches in the drill. Transplant the following spring to a permanent place, and set in rows four feet apart and two feet apart in the rows Keep free from weeds, and the earth loose between the plants. Before winter sets in, the plants should be covered with straw or stable litter.

ASPARAGUS.

Conover's Colossal, very fine variety..per pkt. 5c., per oz. 10c., per ¼ lb. 25c., per lb. 0 75

Grayson's Giant. finest.....per pkt. 5c., per oz. 10c., per ¼ lb. 25c., per lb. 0 75

The above are choice varieties, perfection, however, will depend upon the soil and cultivation.

Plants furnished at $1 50 per 100.

Culture.—The seed may be sown in spring, as soon as the soil is in good working order. The seed bed should be thoroughly spaded over, the surface levelled and raked smooth and fine, and the seed sown in drills twelve or fourteen inches apart and about an inch in depth. An ounce of seed is sufficient for forty or sixty feet of drill. When the plants are well up, thin to three inches apart. Cultivate in the usual manner during the summer; and give the plants a light covering of stable litter during the winter. When the plants are two years old transplant into beds prepared in the following manner: trench the ground thoroughly to the depth of two and a half or three feet, in order to make it rich a large quantity of manure should be incorporated as well at the bottom or near the surface, using either the scourings of ditches made into compost, decayed leaves or leaf mould, or the remains of hot beds. Plant in rows two feet apart and one foot apart in the rows. Before winter sets in, cover the beds with six inches of manure, and in spring give a top-dressing of salt

BEANS, ENGLISH.

CHOICE IMPORTED VARIETIES.

Broad Windsor, very fine, best for general use .....per lb. 20c., per peck 2 00

Johnson's Wonderful, an excellent variety..... " 20c., " 2 00

Early Mazagan, very hardy, bears well..... " 15c., " 2 00

Culture. - English beans are very hardy and should be planted as soon as possible after the ground is open. Plant in drills two and a half feet apart and three inches in the drills. When in pod, break off the top of the plant to check the growth. Cultivate the same as dwarf beans. Strong soil is best for them.

BEANS, DWARF OR BUSH.

Early Yellow China, very much like the Early China.....per lb. 15c., per peck 1 50

" **China,** general favorite ..... " 15c., " 1 50

" **Yellow Six Weeks,** very productive..... " 15c., " 1 50

" **Newington Wonder,** pods very crisp and tender..... " 15c., " 1 50

" **Valentine,** red. good bearer, excellent flavor ..... " 15c., " 1 50

" **Dun Colored,** one of the earliest..... " 15c., " 1 50

" **Long Yellow Six Weeks,** very early and productive . " 15c., " 1 50

" **Mohawk,** hardy variety of good quality..... " 15c., " 1 50

Bonnemain, this variety introduced lately by Mr. Bonnemain, is earlier, and more productive than any other kind in cultivation. The beans are white, of an oblong shape; it is also the most esteemed variety for table use either in a green or mature state...per pkt. 5c., per lb. 20c., per qt. 0 40

BEANS, DWARF OR BUSH.

Extra Early Etampes, this is another new bean, obtained like the preceding through Mr Bonnemain, it resembles the white Flageolet but is much superior to it in earliness, productiveness and fine quality	per lb.	20c.,	per qt.	0 40
Emile, extremely dwarf habit, pods long and large, green before maturity, never beoming white or yellow, very tender and delicious. One of the finest sorts	"	20c.,	"	0 40
Wonder of France, long straight pods, early and productive. The leaves dropping before the maturity of the pods, the latter ripen quickly, the grain remains of a beautiful green color and maintains that color quiet fresh even when cooked	"	25c.,	"	0 50
Cleveland's Improved Round Pod Red Valentine, is more productive, grows a stronger and more thrifty vine, and yields larger and better filled pods than does any other strain of this variety	"	15c.,	"	0 30
Non Plus Ultra, a new, very dwarf variety of dark yellow color. Earlier, more productive and of finer quality than the early yellow six weeks which it somewhat resembles	"	15c.,	"	0 30
Ivory Pod Wax, Pods long, almost of a transparent waxy white, perfectly stringless and exceeding in tenderness nearly all other sorts, of medium size, white and oval when ripe, excellent as a shelled bean for winter use	"	15c.,	peck	2 00
Golden Wax, very prolific, pods larger than the common kinds, quite stringless	"	15c.,	"	2 00
White Wax or Butter, similar to the well known Black Butter, pure white, very fine sort	"	15c.,	"	2 00
Butter Black, the pods when ripe are of a transparent yellow color very tender and delicious, one of the finest sorts	"	15c.,	"	2 00
Refugee or a thousand to one, very productive	"	15c.,	"	1 50
Golden Refugee, pods perfectly round, light green color, very productive	"	15c.,	"	1 50
Green Flageolet, seeds greenish white, good either as a string or shell been	"	20c.,	"	2 25
Large Red Kidney, excellent as a shell bean green or ripe	"	15c.,	"	1 50
Crystal White Wax, distinct variety, with transparent waxy pods, tender, of the richest flavor and stringlees	per lb. 20c.,	per qt. 40c.,	per peck	2 00
Turtle Soup Black, the young pods are of excellent quality, the seed when ripe is used in the preparation of turtle soup	" 15c.,	" 30c.,	"	1 50
White Marrow, good for field culture			per lb.	0 10
" **Pea,** extensively grown for sale in a dry state			"	0 10
" **Kidney,** excellent as a shell bean			"	0 10

Culture.—Plants of this class vary from one to two feet in height; they are grown in hills or drills, as may suit the convenience of the cultivator. All varieties are comparatively tender and should not be planted before settled weather. They succeed best in warm, light soil, but will flourish in any soil or situation, except such are shaded or very wet. Plant in drills about two inches deep and from three to six inches apart. The drills to be from fourteen to twenty inches apart, the distance being regulated by the habit of the variety cultivated. If planted in hills, they should be three feet apart in one direction and two in the opposite. The number allowed to a hill depends upon the size and vigor of the plants. Hoe often, keep the ground mellow, and draw the earth up to the plants.

BEANS, POLE OR RUNNING.

Lima Extra Early, smaller and hardier than the large Lima..per lb. 25c., per peck. 3 00
" large late, one of the finest in cultivation..... " 25c., " 3 00
Butter, black, large pods, long, clear, very yellow, productive, tender and delicious..... " 25c., " 3 00
Red Giant Wax, fine long pods, creamy yellow, very tender and delicious..... " 30c., " 3 00
Scarlet Runner, a great favorite as an ornamental plant..... " 30c., " 3 00
Horticultural, a popular variety, very productive..... " 20c., " 2 50
White Dutch Case Knife, very fine, early and productive.... " 25c., " 2 50
Mont d'Or, Butter or Wax, pods long, of a pale yellow, each containing 5 or 6 beans, violet color, touched with marble and brown, remarkable for their early maturity and great productiveness. An extra fine sort..... " 30c., " 3 50

Culture.—Plant as soon as the soil becomes warm, and the danger from frost is passed, in drills, three feet apart each way. Set the poles before planting, and give a little fine manure to each drill. Keep free from weeds, and draw the earth up to the plants.

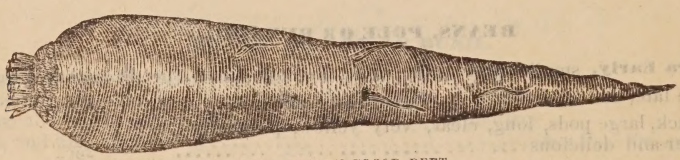
Soja Bean Soja Hispida .....per lb. 0 25

Hardy and valuable for feeding purposes, and extremely productive, yielding from 500 to 600 beans for one sown, it is half pea and half bean in appearance. Plants should stand from 15 to 18 inches apart.

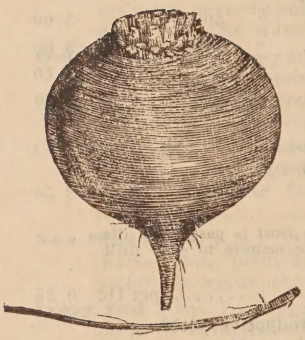
Dolichos, Asparagus Bean. good for pickling and cultivated for its long pods, which when fully developed are nearly a yard long.....per pkt. 10c., " 0 50

BEET.

Long Smooth Blood, extra, best variety for market gardeners.....per pkt. 5c., per oz. 10c., per ¼ lb. 25c., per lb. 0 75
Extra Early Turnip Blood, a standard sort, excellent kind, fine form and flavor.....per pkt. 5c., " 10c., " 25c., " 0 75
Egyptian Turnip Rooted, extra fine, a new and valuable acquisition, very early.....per pkt. 5c, " 10c., " 25c., " 0 75
Bastien's Blood Turnip, this after the Egyptian Turnip is probably the earliest variety of Beet blood red color when boiled.....per pkt. 5c., " 10c., " 25c., " 0 7
Bassano, excellent variety.....per pkt. 5c., " 10c., " 25c., " 0 75
Dark Red Hyriform Strasbourg, pear shaped, foliage completely dark, almost black .....per pkt. 10c., per oz. 0 15
Beck's Curled Sea Kale, a delicate esculent, quite equal to Sea Kale ..... " 15c., " 0
Eclipse Blood, new, fine early variety, perfectly smooth and round, deep red skin and flesh, fine small top, a splendid cropper..per pkt. 5c., per oz. 10c., 2 oz. 20c, ¼ lb. 30c., per lb. 1 00
Dell's Superb Black, extensively used as a decorative plant for the flower garden, equally valuable for kitchen garden use.....per pkt. 5c., per oz. 25c., per ¼ lb. 75c., per lb. 2 00
Carter's Perfection, small-sized, short top, delicate texture, sweet flavor, dark foliage; the best for salad or flower garden..... per pkt. 5c., per oz. 20c., per ¼ lb. 0 50
Trevise Blood, red, flat, new,..per pkt. 10c., p oz. 25c., p 2 oz. 45c., p ¼ lb. 60c. p lb. 1 50



LONG SMOOTH BLOOD BEET.



EXTRA EARLY TURNIP BEET.

BEET OR SWISS CHARD.

EGYPTIAN BLOOD TURNIP BEET.

BEET.—*Continued.*

VARIETIES FOR FIELD CULTURE.

Green Top Sugar, grows to a large size, and is used for stock feeding ..... in 10 lb. lots 30c., per lb. 0 35

White Red Top Sugar, a fine variety for field culture..... " " 30c., " 0 35

" **Improved Imperial French Sugar,** extra fine and productive, grown extensively in France and Germany for making Sugar..... " 0 35

Vilmorin's Improved White Sugar, extra fine quality..... per ¼ lb. 20c., " 0 75

Culture.—The soil best adapted for the Beet is a deep light, well-enriched sandy loam. Sow the seed as soon as the frost is out of the ground or as soon as the soil can be worked, in drills 16 inches apart, and thin out to five or six inches, keep the plants free from weeds, and the earth between the rows loose and open, by frequent hoeings. One ounce of seed will sow about one hundred feet of drill.

Beet or Swiss Chard, Large Ribbed White Silver..... per pkt. 5c., per oz. 0 10

" " " " " Scarlet Chilian..... " 5c., " 0 10

Cultivated solely for its leaves. The midrib is used as asparagus, the other portions of the leaves as spinach. If cut often, new and more tender leaves will be produced.

Culture.—Swiss Chard or Leaf Beet. Sow in spring as soon as the soil is ready, in drills eighteen inches apart, and an inch and a half deep. When the plants are a few inches deep, thin out to nine inches or a foot apart, according to the richness of the soil. Keep the ground clean and loose, but weed the plants, and water when required.

BROCOLI.

BEST FRENCH SEED.

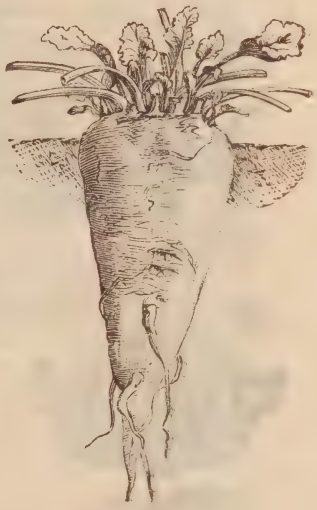
Purple Cape, produces fine heads..... per pkt. 10c., per oz. 0 50

Walcheren, one of the best in cultivation, very hardy with fine heads ..... " 10c., " 0 50

Culture.—Sow in hot beds early in spring, and plant out two feet apart each way. Cultivate the same as cabbage. An ounce of seed will produce about four thousand plants.

WHITE GREEN TOP SUGAR BEET.

VERY EARLY ETAMPES CABBAGE.



VILMORIN'S IMPROVED SUGAR BEET.

BRUSSELS SPROUTS.

Improved, extra fine, earliest and best in cultivation.....per pkt. 5c., per oz. 0 20

Dwarf Improved, very fine..... " 5c., " 0 20

Plants furnished at $1.00 per 100.

Culture.—Should be sown in hot beds in March or April. When four or five inches high, transplant two feet apart in each direction. Cultivate as directed for Cabbage and Cauliflower, They should be harvested before severe freezing weather and preserved in the cellar as Cauliflower. They are hardy and easily grown.

CABBAGE.—Best French Seed.

Very Early Etampes,.....per pkt. 5c , per oz. 25c., 2 oz. 40c., ¼ lb. 0 75

Eight days earlier than the early oxheart Cabbage, fit for market within three months after sowing; said to be the best of all early Cabbages, growing in favor every year.

Paris Market, very early, new, resembles the large Oxheart, is somewhat smaller but much earlier.....per pkt. 10c., per oz. 25c., 2 oz. 40c., ¼ lb. 0 75

Large Early Conical, excellent sort, large solid heads, of great weight, stem short and thin, outer leaves slightly curled..per pkt. 10c., per oz 50c., 2 oz. 90c., ¼ lb. 1 75

Early York, well-known favorite..... " 5c., " 15c., " 25c., " 0 40

" **Large York,** a fine summer variety.... " 5c., " 15c., " 25c., " 0 40

" **Sugar Loaf,** well-known variety..... " 5c., " 20c. " 35c., " 0 60

" **Bleichfeld Giant,** short stemmed, heads large, very solid..... " 10c., " 50c, " 90c., " 1 75

" **St. John's Day Drumhead,** very early, large heads..... " 5c., " 15c., " 25c., " 0 40

Late St. John's Day Drumhead, later variety than preceding, large solid heads..... " 5c., " 15c., " 25c., " 0 40

Oxheart Extra Early Dwarf, resembles the large variety, but is much smaller and earlier " 5c., " 20c., " 35c., " 0 60

QUINTAL DRUMHEAD CABBAGE.

LARGE BOX HEART CABBAGE.

EARLY DARK RED ERFURT CABBAGE

EARLY FLAT DUTCH DRUMHEAD CABBAGE.

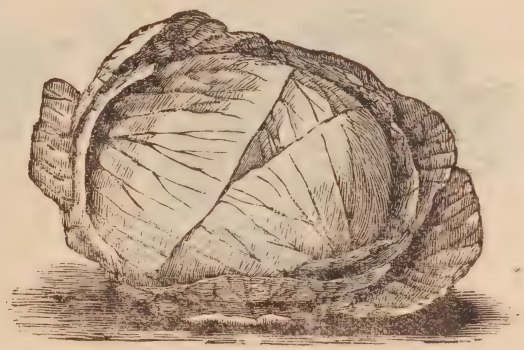
SUGAR LOAF CABBAGE.

DAX DRUMHEAD VERY LATE CABBAGE.

WINNINGSTADT CABBAGE.

ST. DENIS LARGE DRUMHEAD CABBAGE.

EARLY YORK CABBAGE.



FOTTLER'S EARLY DRUMHEAD CABBAGE.

CABBAGE—*Continued.*

Large Ox-Heart, a fine summer variety.....per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 0 [illegible]
Winningstadt, fine sort, large heads .....per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 0 60
St. Denis Drumhead, a standard fall sort ....per pkt. 5c , per oz. 20c., 2 oz. 35c., ¼ lb. 0 60
Quintal or Large German Drumhead, fine winter sort with short stem, large solid heads.....per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 0 [illegible]
Flat Dutch, heads large, solid, of fine flavor.....
per pkt. 5c., per oz. 15c., 2 oz. 25c., ¼ lb. 0 40
Schweinfurt Quintal, large early.....per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 0 [illegible]
Large Brunswick, short stemmed, an excellent winter variety.....
per pkt. 5c., per oz. 15c., 2 oz. 25c., ½ lb. 0 40
Dark Red Dutch. large solid heads, best for pickling .....
per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 0 60
Red Drumhead, very fine sort.....per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 0 60
Giant Blood Red Erfurt, early new variety, large form, heads weighing 12 to 14 lbs., oval shape, blood red color, leaves ribbed, very tender.....
per pkt. 5c., per oz. 30c., 2 oz. 55c., ¼ lb. 1 00

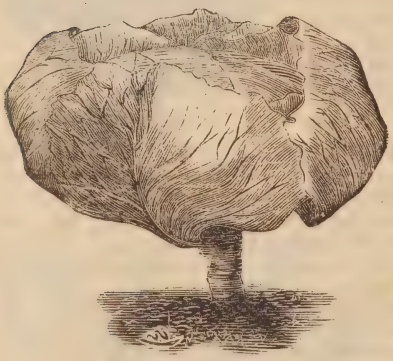
AMERICAN VARIETIES—EXTRA CHOICE.

Early Flat Dutch, valuable early variety....per pkt. 5c., per oz. 30c., 2 oz. 55c., ¼ lb. 1 00
" **Jersey Wakefield,** one of the best....per pkt. 5c., per oz. 35c., 2 oz. 60c., ¼ lb. 1 00
Henderson's Early Summer, large early variety.....
per pkt. 5c., per oz. 35c., 2 oz. 60c., ¼ lb. 1 [illegible]
Fottler's Early Drumhead, earliest hard heading variety .....
per pkt. 5c., per oz. 30c., 2 oz. 55c., ¼ lb. 1 [illegible]
Premium Flat Dutch, very large, of a superior quality.....
per pkt. 5c., per oz. 30c., 2 oz. 55c., ¼ lb. 1 00
Marblehead Mammoth, of enormous size, fine quality.....
per pkt. 5c., per oz. 35c., 2 oz. 60c., ¼ lb. 1 00
Island Gem, an early variety between the Fottler and Winningstadt, partaking of the quality of both varieties the Fottler for size and the Winningstadt for solidity ; heads round, large and solid, some of them weighing 18 lbs.....
per pkt. 5c., per oz. 35c., 2 oz. 60c , ¼ lb. 1 [illegible]

Culture.—For early use, sow in hot-beds from February to April, and for winter use, the seed may be sown in a nursery bed in the open ground about the end of April or early in May. When five or six inches high transplant into well-manured ground, early varieties in rows two feet apart and from fifteen to twenty inches in the row, and the late varieties from two and a half to three feet apart each way. Hoe often, and draw up the earth around the plants. In the hot-bed or nursery-bed the plants should not be allowed to stand too thickly, as this causes them to draw up weak and feeble.

LARGE RED DRUMHEAD CABBAGE.

LARGE BRUNSWICK CABBAGE.



FLAT DUTCH CABBAGE.

MARBLEHEAD MAMMOTH CABBAGE.

CABBAGE—*Continued.*

SAVOY.

Very Early Paris.....per pkt. 5c., per oz. 35c., 2 oz. 60c., ¼ lb. $1 00

A fortnight earlier than the Ulm Savoy and almost as early as York Cabbage.

Early Small, compact heads, fine quality.....per pkt. 5c., per oz. 35c., 2 oz. 60c., ¼ lb. 1 00

Golden, very compact, fine flavor.....per pkt. 5c., per oz. 35c., 2 oz. 60c., ¼ lb. 1 00

Large Drumhead, extra, grows to a large size, heads quite firm and solid.....
per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 60c., per lb. 2 00

Ulm, very early dwarf variety, superior quality.....
per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 0 60

Plants supplied at 60 cts. per 100.

Culture—No cabbage is more easily raised or hardier than the Savoy; the same cultivation is required as for other varieties. The Savoy succeeds best in strong, mellow loam, well-enriched with manure.

TALL CURLED SCOTCH KALE.

GOLDEN SAVOY.

LARGE EARLY HARDY WINTER DRUMHEAD SAVOY.

DWARF EARLY SAVOY.

BORECOLE OR KALE.

Carter's Improved Garnishing.....per pkt. 0 10

This will produce more than 20 varieties, some of which are quite equal in color to Coleus; the colors vary from rich crimson to white, laced and fringed.

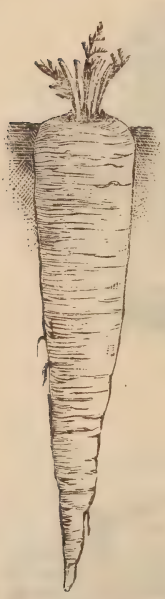
Green Curled Scotch, a dwarf variety with spreading leaves, beautifully curled.....per pkt. 5c., per oz. 0 20

German Green, or Dwarf Green Curled, good for winter greens.....“ 5c., “ 0 20

Large Leaved Jersey, large coarsely curled entire leaves, and broad white nerves, the latter making a gay contrast with the light green color of the leaves.....per pkt. 0 10

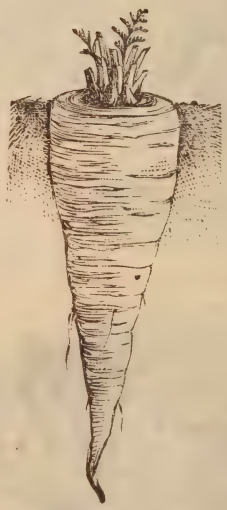
Plants furnished at $1.00 per 100.

Culture.—The seeds are sown at the time of sowing the seed of the Cabbage or Cauliflower, and in the same manner, the cultivation being alike in all respects. They are harvested in autumn, before the closing up of the ground. It re-set the following spring, they will furnish an abundance of tender sprouts, which, when cooked, are superior in flavor and delicacy to the cabbage.

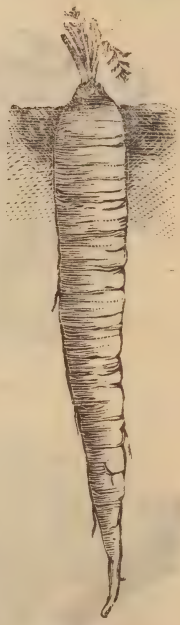


SCARLET ALTRINGHAM CARROT.

LARGE WHITE SHORT VOSGES CARROT.



FLANDERS LARGE PALE RED CARROT.



LONG RED SURREY CARROT.

CARROT.

I can recommend the following, having grown all the varieties on my own farm last season.

For Garden and Field culture, very clean rubbed seed.

Early Short Scarlet Horn, excellent for table..... per pkt. 5c., per oz. 10c., 2 oz. 15c., ½ lb. 30c., per lb. $1 00

" **Half Long Scarlet,** stump-rooted, very sweet, fine table carrot..... per pkt. 5c., per oz. 10c, 2 oz. 15c., ½ lb. 30c., " 1 00

Half Long Scarlet Nantes, extra, large stump-rooted, fine variety for garden or field culture.....per pkt. 5c., per oz. 10c., 2 oz. 15c., ¼ lb. 30c., " 1 00

James Intermediate, very fine field carrot..... per pkt. 5c., per oz. 10c., 2 oz. 15c., ¼ lb. 30c., " 1 00

Long Orange, standard variety for table or stock..... per pkt. 5c., per oz. 10c., 2 oz. 15c., ¼ lb. 20c., " 0 60

Scarlet Altringham, excellent for table or stock..... per pkt. 5c., per oz. 10c, 2 oz. 15c., ¼ lb. 25c., " 0 75

Carentan Early Half Long Scarlet without Core, very fine, extra early, valuable for forcing.....per pkt. 5c., per oz. 10c., 2 oz. 15c., ¼ lb. 30c., " 1 00

Large White Belgian, very productive field variety..... per pkt. 5c., per oz. 10c, ¼ lb. 15c., " 0 50

White Large Short Vosges, excellent for stock..... per pkt. 5c., per oz. 10c., 2 oz. 15c., ¼ lb. 20c., " 0 60

Long Red Surrey, good for table or stock..p. pkt. 5c., p. oz. 10c., 2 oz. 15c., ¼ lb. 20c., p.lb. 0 60

Large Orange Belgian, good field variety...p. pkt 5c., p. oz. 10c., 2 oz. 15c., ¼ lb. 20c., " 0 60

White Green Top Orthe, superior productive field variety..... per pkt. 5c., per oz. 10c., 2 oz. 15c., ¼ lb. 20c., per lb. 0 60

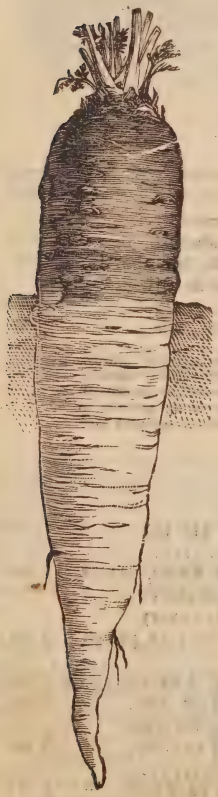
Guerande half long Stump Rooted, intermediate as to length between the half long and Dutch Horn Carrot, but much thicker than the latter, attaining a neck from 2 to 4 inches in diameter..per pkt. 5c., por oz. 10c., 2 oz. 20c., ¼ lb. 40c., " 1 25

EARLY SHORT SCARLET HORN CARROT.

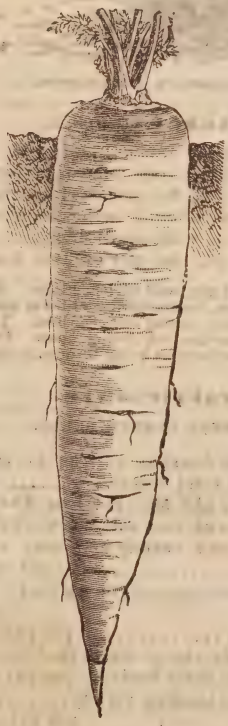
EARLY HALF LONG SCARLET POINTED ROOTED CARROT.

HALF LONG SCARLET NANTES CARROT.

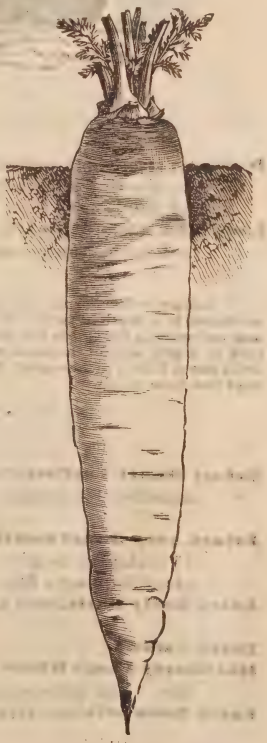
EARLY HALF LONG SCARLET STUMP ROOTED CARROT.



WHITE BELGIAN CARROT.



WHITE GREEN TOP ORTHE CARROT.



LONG ORANGE CARROT.

LENORMAND CAULIFLOWER.

CARROT.—*Continued.*

Danvers, form about midway between the Long Orange and Short Horn Carrot, growing generally with a stump root, color rich dark orange, smooth and handsome .....per pkt. 5c , per oz 10c., 2 oz. 15c ¼ lb. 30c., per lb. $1 00

Long Red without heart, fine variety about 9 inches long, cylindrical in all its length, stump rooted, fine top, with small leaves .....
per pkt. 5c., per oz. 10c., 2 oz. 15c., ¼ lb., 30c., " 1 00

Culture.—The Carrot does best in good light, well enriched loam If possible the ground should be stirred to a depth of twelve to fifteen inches, incorporating a liberal quantity of well-rotted manure, and pulverizing the soil in the operation. Early sowing succeeds best. The drills should be made an inch in depth, and for the smaller garden varieties, ten inches apart. The largest sorts are grown in drills about fifteen inches apart, the plants in the rows being thinned to five or six inches asunder and kept free from weeds.

CAULIFLOWER.

FINEST FRENCH SEEDS.

Erfurt Dwarf Earliest, the best and finest as well as the earliest of all the varieties, 1st quality, fine large solid heads.....
per pkt. 50c., per ¼ oz. $3.00, per ½ oz. $4.00, per oz. 7 00

Erfurt, very dwarf small leaved, with very solid snow white heads, not above 15 inches in height. A splendid variety and very early, nearly every plant forming a fine head.....per pkt. 25c., per ½ oz. 1.75, per oz. 3 00

Extra Early Paris, well known variety, one of the earliest.
p.pkt.10c., p. ½ oz. 60c., p.oz. 1 00

Early Asiatic .....per pkt. 10c., per ½ oz. 40c , " 0 60

Half-Early Large White French, fine large white cauliflower of superior quality. Not quite so early as the early Paris.....per pkt. 10c., per ½ oz. 35c., " 0 60

Early Snowball, an extra early, fine heading variety.....
per pkt. 25c., per ½ oz. $3.00 " 5 00

BOSTON MARKET CELERY.

DWARF WHITE SOLID CELERY.

PURPLE GIANT CELERY.

CAULIFLOWER.—*Continued.*

Half-Early Paris, one of the best	per pkt.	10c.,	per ½ oz.	60c.,	per oz.	1	00
Lenormand Short Stemmed, extra fine, large, well formed heads, of superior quality	"	10c.,	"	60c.,	"	1	00
Late Asiatic, valuable late variety, distinct from all other sorts, head beautiful, large, fine and compact, leaves long and tapering	"	10c.,	"	40c.,	"	0	60
Imperial New, early, very fine large heading variety	"	10c.,	"	60c.,	"	1	00
Large Late Algiers, a valuable variety, producing magnificent heads, white, firm and compact.	"	10c.,	"	60c.,	"	1	00
Veitche's Autumn Giant, heads perfectly white, firm, large and fine	"	10c.,	"	40c.,	"	0	80

Plants furnished at $1 00 per 100.

Culture.—The seeds may be sown in a hot bed in March or April, and the plants set in open ground late in May or July. The seed may be sown in a nursery bed in the open air in May, in shallow drills, six or eight inches apart, and when sufficiently grown the plants are to be set where they are to remain. The soil must be kept free from weeds, and stirred with the hoe from time to time As the plants increase in size, a little earth should be drawn about the roots, and in continued dry weather an application of liquid manure will be very beneficial. As much of the delicacy and excellency of the Cauliflower depends on the quickness of growth, the soil cannot be too highly enriched or too deeply cultivated. As they begin to flower the larger leaves should be broken over them, to defend them from the sun and rain.

CELERY.

	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.
Large White Solid, favorite market variety	5c.	0 20	0 35	0 60
Dwarf White Large Ribbed Solid, excellent quality	5c.	0 30	0 55	1 00
Turkish Giant, Purple, crisp, good flavor	5c.	0 20	0 35	0 60
Cole's Crystal White, very large and solid	5c.	0 20	0 35	0 60
White Plume, a fine variety for use in October, November and December	10c.	0 50	0 75	1 25
Turner's Incomparable Dwarf White, solid, crisp, juicy, fine flavor	5c.	0 20	0 35	0 60

CELERY TURNIP-ROOTED OR CELERIAC.

BRUSSELS SPROUTS.

CELERY.—*Continued.*

	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.
Carter's Incomparable Dwarf, Dark Crimson, selected from Turner's Incomparable Dwarf White, very dwarf habit, an exceedingly solid variety, fine dark crimson color	05c.	0 30	0 55	1 00
Carter's Solid Ivory, of extreme dwarf habit, and beautiful white color throughout, it may be planted upon the surface of the ground, instead of in trenches, the earthing up can be done in a very simple manner by the hand or with an ordinary draw-hoe	10c.	0 40	0 75	1 25
Extra Choice Grove Red, " " " **White,** from selected large heads.	05c.	0 30	0 55	1 00
Probably the best in cultivation, grow to a large size, are perfectly solid and of the finest flavor.				
Boston Market, white, dwarf, favorite variety	05c.	0 30	0 55	1 00
White Large Compact, a fine solid kind, from the celebrated farm of the Colonie de Citeaux, Côte d'Or, France	05c.	0 20	0 35	0 60
Sandringham Dwarf White, good variety, solid, fine flavor	05c.	0 20	0 35	0 60
Wright's Improved white, fine new variety now offered here for the first time	10c.	0 40	0 75	1 30
For Flavoring per lb.				0 75

For newer varieties see list of Novelties.

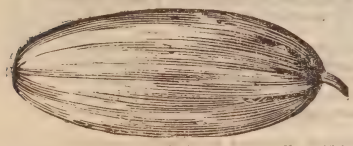
I can especially recommend the above named sorts of Celery.

Plants furnished at 60 cts. per 100.

Culture.—Sow in hot bed about the end of March or early in April. As soon as the young plants can be handled, prepare a small bed under glass and make it rich and the earth fine. Here set the plants placing them two or three inches apart, water gently and protect for a day or two against the sun. In this bed the plants should remain until they are six or eight inches high, when they should be removed into trenches. Make the trenches a foot or fifteen inches deep and about fifteen inches wide, and not less than five feet apart; put about three inches of well rotted manure into the trench, throw upon this about five inches of the best soil and mix well together. Plant in two rows in the trenches, about six inches apart, and eight inches apart in the rows; water immediately; earth up the plants as they grow, and keep the ground loose and open. In earthing up, care should be taken not to let in the earth between the stems of the leaves, it should only be done while the plants are dry.

EARLY FRAME CUCUMBER.

LONG GREEN CUCUMBER



SHORT GREEN CUCUMBER.

WHITE SPINE CUCUMBER.

CELERIAC.

Turnip Rooted Celery ..... per pkt. 5c., per ½ oz. 15c., per oz 0 30

Culture—Sow in hot-bed in April or May, and when the plants are three or four inches high they should be removed and set in rows, eighteen inches apart and a foot from each other in the line When transplanting rub off side shoots. When two-thirds grown, earth over for the purpose of blanching.

CHERVIL, Double Curled, an aromatic sweet herb.....
per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 60c., per lb. 2 00
" Plain..... " 5c., " 15c., " 25c., " 40c., " 1 25

Culture—Sow in drills a foot apart and cover nearly an inch deep. It is sown from April to July. The leaves are fit for use when from two to four inches high. Cut them off close, and they will come up again, and may be gathered in succession during the season.

CHICORY, Large Rooted for Coffee.... per pkt. 5c., per oz. 10c., per ¼ lb. 25c., per lb. 0 60

Culture—Sow in spring, when the ground is ready, in drills eighteen inches apart, and thin the plants to six inches apart in the drills. The soil should be deep and rich. Hoe frequently, and keep the ground free from weeds.

CORN SALAD.... ..... per pkt. 5c. per oz. 20c., per ¼ lb. 60c., per lb. 2 00

Culture—An annual plant cultivated for its tender leaves, which are used as a Salad or spinach. The seed is usually sown in shallow drills early in September. On the approach of winter the plants are covered with clean straw for protection. It is cut early in spring for salad.

CRESS.

Garden, broad-leaved..... per pkt. 5c., per oz. 10c , per 2 oz. 15c., per ¼ lb. 0 20
Double Curled, very fine..... " 5c., " 10c., " 15c., " 0 20
Water ..... " 10c., " 50c., " 75c., " 1 25

Culture—The seeds should be sown in succession, rather thickly, in shallow drills, six or eight inches apart, at intervals of about a fortnight, making the first sowing early in spring. Rake the surface of the ground smooth and fine. An ounce of seed will be sufficient for sixty feet of drill. Water cress should be sown in the same manner, and when well rooted transplanted to the banks of a running stream.

CUCUMBER.

	p. pkt.	p. oz.	p. ¼ lb.	p. lb.
Early Frame, standard sort for table use and pickling	5c.	10	0 30	1 00
" **Cluster,** growing in clusters, very productive	5c.	10	0 30	1 00
Short Green Prickly, a well known variety	5c.	10	0 30	1 00
Long Green Prickly, fine fruit, dark green, firm and crisp	5c.	10	0 30	1 00
White Spine, straight and smooth, best for table	5c.	10	0 30	1 00
Gherkin, for pickling	5c.	30	1 00	3 00
" West India Small	5c.	30	1 00	3 00

Long White Spine, improved, Montreal grown seed. Superior to any other kind.....per pkt. 10c., per oz. 15c., per 2 oz. 25c. per ¼ lb. 40c., per lb. 1 50

Pots, containing 3 plants of the above furnished at 25 cts.

Carter's Model, the handsomest cucumber grown.....per pkt. $0 50
Telegraph, most prolific and best winter sort..... " 0 50

CUCUMBER—*Continued.*

CUCUMBERS FINEST ENGLISH VARIETIES.

Sion House, a favorite variety	"	0 50
Lord Kenyon's Favorite, a popular English sort	"	0 50

Culture—For early use, sow in hot beds, making a hill in the centre of the bed. Cover the sash at night with mats for protection. During the growth of the plants, admit air every day, giving as much light as possible. If they are to be removed sow in pots. The essentials to the growth of the cucumber are heat and a fair portion of moisture Do not plant in open air until there is a prospect of continued warm weather. When planted early, the seeds are liable to decay in the ground, and the young plants frequently cut off by the frost.

The hills should be five or six feet apart in each direction, fifteen or eighteen inches in diameter and a foot in depth; fill them three-fourths full of thoroughly digested compost, and then draw four or five inches of earth over the whole, raising the hill a little above the level of the ground. Plant 15 or 20 seeds in each, cover half an inch deep, and press the earth smoothly with the back of the hoe. When all danger from bugs and worms, is passed, thin out the plants, leaving but three or four of the strongest to a hill.

As fast as cucumbers attain a suitable size they should be plucked, whether required for use or not, as fruit left to ripen on the vines soon destroys their productiveness.

EGG PLANT.

	per pkt.	per ½ oz.	per oz.
Long Purple, early, of easy culture, hardy, productive, good for table	5	25	0 50
Giant Purple, similar to long purple	10	40	0 75
White, fruit white, egg shaped, three to five inches long, ornamental	10	40	0 75
Black Pekin, round form, jet black	10	45	0 75
New York Improved. purple, very large	10	35	0 60
Scarlet Fruited, Long White China, Striped, handsome varieties	10	35	0 60
Round, purple	10	40	0 75
Giant Violet, very fine kind	10	25	0 50

Plants 25 cts. per doz.

Culture—The seed should be sown in a hot bed in March or April, at the time and in the manner of sowing tomatoes. The young plants are however more tender, and should not be allowed to be chilled, as they recover from the effect very slowly. The seedlings should not be transplanted into the open ground until the commencement of summer weather, when they may be set out into rows, two feet apart, and two feet asunder in the rows. Keep the ground free from weeds, and earth up the plants a little, in the process of cultivation. If no hot-bed is at hand, sufficient seedling plants for a small garden may be raised by sowing a few seeds in March, in flower pots, and placing them in a window of the eating-room or kitchen.

ENDIVE.

	per pkt.	per oz.	per 2 oz.	p. ½ lb.
Green Curled Summer, very fine, hardy, leaves dark green	5c.	30	55	1 00
" " **Winter,** leaves pale green	5c.	35	55	1 00
White Curled Broad Leaved or Batavian	5c.	30	55	1 00

Culture—Sow in close drills or broad cast in hot-bed early in spring, for transplanting. The winter varieties may be sown in July, where the plants are to remain, thinly, in shallow drills, a foot apart, for smallest early varieties, and fifteen inches for the large broad leaved sorts. Thin out to a foot asunder. as soon as they are large enough to handle, and keep the ground about them loose and free from weeds. Bunch them by gathering the leaves in the hand, and tying them together near the top with matting. Common flower-pots inverted over the plants, will be found a safe and effectual means of rendering them white and crisp.

INDIAN CORN.

For Garden and Field Culture.

	p. ear.	p. doz. ears.	p. lb.
Crosby's Extra Sugar, rich sugary flavor, very productive	5c.	50c.	0 15
Canada Sweet, ears well filled, rich flavor, hardy kind	5c.	50c.	0 15
Moore's Concord Sweet, tender and sweet	5c.,	50c.,	0 15

Early Marblehead, one of the earliest varieties yet introduced, of good market size and very sweet.

p. pkt. 5c., p. ear, 5c., p. doz. 50c., p. lb. 15c., p. 5 lbs. 70c., p. 15 lbs. 2 00

Early Sweet Minnesota, very early. p. ear 5c., p. doz. ears 50c., p. lb. 0 15

Cory, a new swe t variety, said to be earlier than any other kind; kernel larger and whiter than the Marblehead.

p. ear 5c., p. pkt. 5c., p. lb. 15c., p. 5 lbs. 70c., p. 15 lbs. 2 00

Ford's Sweet, one of the sweetest and best early sorts. p. lb. 15c., p. doz. ears 0 50

Pee and Kay, Sweet, is as early as the Minnesota, with ears as large as the evergreen. 10 to 12 rowed, stalks strong and vigorous, 6 to 7 feet high. p. lb. 0 25

CABBAGE LETTUCE.

DRUMHEAD MALTA LETTUCE.

INDIAN CORN—*Continued.*

Perry's Hybrid Sugar, the largest early sweet corn in the market, height 4 to 5 feet according to soil, is as early as the Minnesota and 12 rowed..... p. lb. 0 15

Early Dolly Dutton, ears well filled, very sugary.... per ear 5c., p. doz. ears 60c., " 0 15

Early Canada Yellow, } Well known varieties, good for garden
" " **White,** } and field culture..... " 35c., " 0 15
" " **Extra Large** ears..... " 40c.,

Evergreen Sweet, a late variety remaining a long time green..... per ear 5c., " 60c., " 0 15

Mammoth Sugar, one of the largest, fine flavored.... " 5c., " 60c., " 0 15

Adam's Early, a field variety but largely sold for table use..... " 5c., " 50c., " 0 15

Early Tuscarora, a large variety with white kernels.. " 5c., " 50c., " 0 15

White Pop Corn for parching,..... " 25c.,

Western, Choice Selected Seed, for soiling cattle, etc...for bushel of 56 lbs. $1 50 varies with market.

Culture—Sow about the fifteenth May, in hills three feet apart in each direction, with plenty of manure in the hills, leaving only three or four plants in each hill, or the seed may be sown in drills three feet apart, dropping them in groups of three together every eighteen inches. Hoe frequently, and draw the earth up about the plants.

KOHLRABI OR TURNIP-ROOTED CABBAGE.

		p. pkt	p. oz.	p. 2 oz.	p. ¼ lb.	p. lb.
White Giant,	Fine varieties for Garden and Field Cul-	5c.,	15	25	40	1 50
Purple "	ture, used chiefly for stock.....	5c.,	20	35	60	2 00
Green Purple,	Extra large and fine.....	5c.,	15	25	40	1 50

Culture—May be sown in drills like turnips, &c., in May and June. The root grows to a large size and should be more extensively cultivated. It is very hardy and equal to the Swede for stock feeding. The varieties named above I can recommend with confidence.

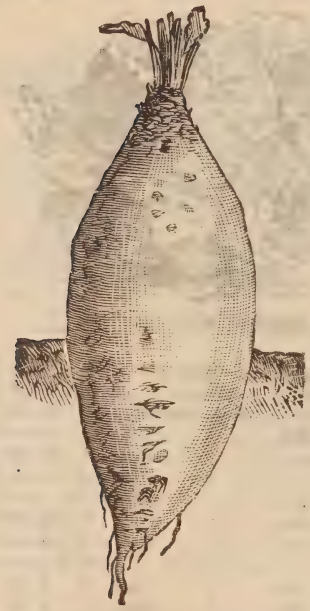
LEEK.

Large Flag.....per pkt. 5c., per oz. 15c., per 2 oz. 25c., per ¼ lb. 40c., per lb. 1 50

Culture—Sow early in spring in a nursery-bed, in hills six inches apart and one inch deep. When they come up, thin out to an inch apart. When seven or eight inches high, plant them in rows eight inches apart and as deep as possible without covering the leaves. Water freely, when planted, and draw up the earth to them as they grow. They require a deep rich soil.

LETTUCE.

	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb
Cabbage Early, very fine and good for forcing.....	5c.	20	35	0 60
" **Royal White Summer,** good size, well formed heads, a general favorite.....	5c.	20	35	0 60
" **White Stone,** one of the best, heads of good size, close and well formed.....	5c.	20	35	0 60
" **Wheeler's Tom Thumb,** very dwarf, compact, fine flavor	5c.	25	40	0 75
" **Marvel or Red Besson,** an all the year round variety of a dark green color, fringed with bright bronzy red, sown in autumn it stands the winter and yields an abundant crop in spring.....	5c.	20	35	0 60
" **Stone-head Golden Yellow,** of superior quality, very solid hearts.....	5c.	20	35	0 60



RED OVOID MANGEL.

COS LETTUCE WHITE PARIS.

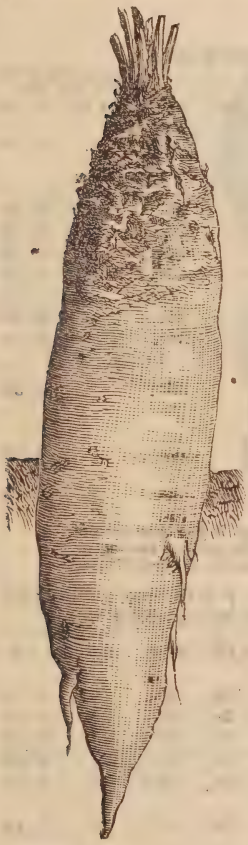
YELLOW OVOID MANGEL.

LETTUCE.—*Continued.*

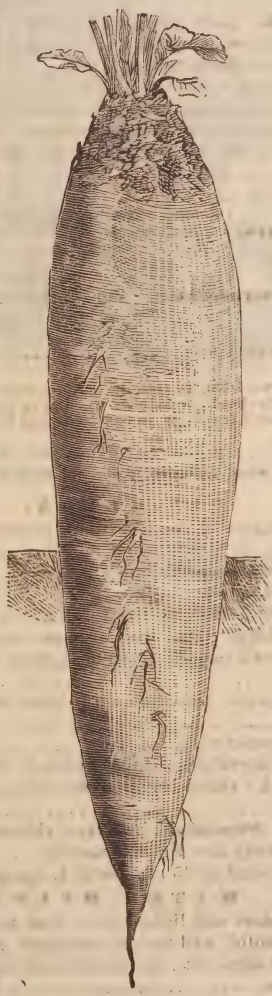
	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.
Cabbage Trocadero, white seed, bright green color, slightly tinged with brown, of excellent quality, very hardy and productive	5c.	20	35	0 60
" **Victoria,** a fine variety	5c.	20	35	0 60
" **Imperial,** very large and fine	5c.	20	35	0 60
" **Boston Market,** very superior quality	5c.	20	35	0 60
" **Large Green,** good winter variety	5c.	20	35	0 60
" **Yellow Butterhead,** speckled leaves	5c.	20	35	0 60
" **Bossin,** very large, fine variety	5c.	20	35	0 60
" **New Perpignan,** true, longest standing, remarkable for large size and rapid heading	5c.	25	40	0 75
" **Drumhead,** one of the best summer varieties	5c.	15	30	0 50
" **Hanson,** large solid heads, white centre, very tender, one of the finest	5c.	20	35	0 60
" **Tennis Ball,** very close head	5c.	20	35	0 60
" **White Batavian or Silesian,** a popular variety	5c.	20	35	0 60
" **American Gathering,** new, very distinct, with tips of leaves beautifully splashed with Indian red	5c.	20	35	0 60
" **Simpson's Black Seeded,** new, grows double the size of the early curled Simpson	5c.	20	35	0 60
White Paris Cos, one of the best upright varieties	5c.	25	40	0 75
Green Paris Cos, an excellent upright sort	5c.	25	40	0 75
Gardeners' Favorite or Montreal Market, large solid heads, finest variety grown	per pkt. 5c.,	per oz. 25c.,	per 2 oz 40c.,	per ¼ lb. 0 75
For Birds, old seed				per lb. 0 25

For newer varieties see list of novelties.

Culture—For early use sow in hot-beds in February and March. Keep the plants thin, and admit plenty of air to the frame every fine day. For general use, sow in the open ground, as early as the season will permit, in a well prepared bed, in drills; thin or transplant to one foot apart, and keep well cultivated. A sowing should be made at intervals throughout the season for a succession.



LONG YELLOW MANGEL.



LONG RED MANGEL.

LONG WHITE GREEN TOP MANGEL.

RED GLOBE MANGEL.

YELLOW GLOBE MANGEL.

MANGEL WURTZEL.

FOR FIELD CULTURE AND STOCK FEEDING—EXTRA CHOICE SEED

				In quantity of 10 lbs. and over
Mammoth Long Red, superior variety, grows very large, fine solid flesh	Grown expressly for my own trade.	per lb..	35c. per lb.	0 30
Champion Yellow Globe, very fine, large and productive		"	35c. "	0 30
Golden Tankard, one of the most nutritious varieties in cultivation, deep yellow flesh, tankard shape, very productive, valuable for dairy farming		"	35c. "	0 30
Long Red, very large and long, very productive		"	25c. "	0 22
Norbiton Giant Long Red, a first class variety producing largely		"	35c. "	0 30
Yellow Globe, grows very large, one of the best standard varieties		"	25c. "	0 22
Berkshire Prize, a new English variety, one of the finest and best in cultivation		"	35c. "	0 30
Red Globe, very choice variety		"	35c. "	0 30
" " **Oberndorf, Extra,** Yellow " "	German varieties, very large and solid, flat at the bottom like an Egyptian Beet; specially adapted for heavy soils, being easily taken out of the ground—very productive.		35c. "	0 30
" **Ovoid Barres or intermediate.** Red " " "	Very large and productive varieties.		35c. "	0 30
Long White. " **Yellow.**	Fine large kinds.		30c. "	0 25

Culture—The seed may be sown from the middle of April to the end of May, in the open ground, in drills two feet apart. The plants should be thinned to eight or ten inches in the drills. Hoe deeply between the rows and keep the ground free from weeds. The soil best adapted to the Mangel Wurtzel is a deep light, well enriched loam

Martynia Proboscidea..... p. pkt. 5c., p. oz. 30c., p. 2 oz. 55c., p. ¼ lb. 1.00 p. lb. 3 00

Seed pods used for pickling, when gathered green and tender. Sow in the open ground in May and transplant three feet apart.

MELON.

	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.
Evans' Superb Montreal, stands at the head of all other varieties large size, flesh light green, rich, sweet and melting	15c.	50	75	1 25
Fine Nutmeg, fruit oval, good size, rich and sweet	5c.	15	25	0 40
Pine Apple, early, juicy and sweet	5c.	15	25	0 40
Green Citron, handsome round fruit, netted, thick green flesh	5c.	15	25	0 40
Large Yellow Cantalope, large round fruit, salmon color flesh	5c.	15	25	0 40
Skillman's Fine Netted, small variety, green flesh, most delicious flavor	5c.	15	25	0 40
White Japan, early, medium size, roundish, skin cream white, fine flavor	5c.	15	25	0 40
French, green fleshed, fine variety	25c.	..	..	....
Surprise, has a thin cream colored skin, thickly netted; flesh deep salmon color and very thick; shape round, resembling the Nutmeg; early and prolific	5c.	15	25	0 40
Malta White Fleshed early Summer, fine flavor, rich and sweet.	10c.	50	..	....
Cavaillon Green Fleshed, very fine French variety	10c.	50	..	....

Plants furnished at 25 cts per pot, containing three vines.

WATER MELON.

	p pkt.	p. oz.	p. 2 oz.	p. ¼ lb.	p. lb.
Cuban Queen, skin striped dark and light green, flesh bright red, delicious flavor, very solid, will weigh one-third more than any other melon of the same size, specimens sometimes attaining a weight of 30 lbs.	5c.	15	25	40	1 50
Ice Cream, extra fine, flesh scarlet, sweet and tender	5c.	15	25	40	1 50
Mountain Sweet, flesh scarlet, very sweet	5c.	15	25	40	1 50
Long Island, large excellent	5c.	15	25	40	1 50
Black Spanish, flesh deep red, very productive	5c.	15	25	40	1 50
Citron. for preserves, flesh white, round, handsome fruit	5c.	15	25	40	1 50
Phinney's early, bright red flesh, very sweet and productive.	5c.	15	25	40	1 50

ENGLISH MUSHROOM.

WATER MELON.—*Continued.*

Peerless, medium size, skin mottled green,
flesh scarlet, very sweet .....per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 0 60 p lb. 2 00
Vick's Early, oblong, smooth,
medium size, flesh bright pink,
solid and sweet..... " 5c., " 15c., " 25c., " 0 40 " 1 50

Culture.—Melons are cultivated in the same manner as cucumbers, but when the growth is too luxuriant, pinch or cut off the leading shoots, and when the young fruit sets in too great numbers, a portion should be removed both for the purpose of increasing the size and hastening the maturity of those remaining. Place pieces of slate or shingle underneath the fruit to prevent it being injurred by lying on the ground.

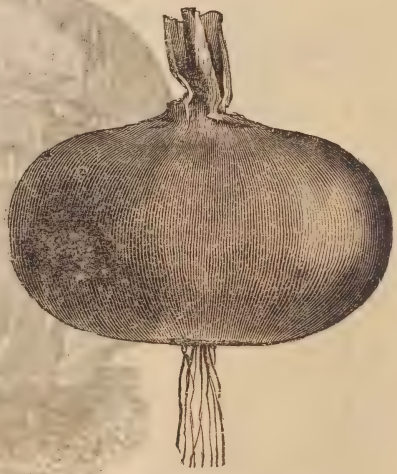
	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.	p. lb.
Mignonette (Reseda Odorata).....	5c,	0 20	0 35	0 60	2 00

MUSHROOM SPAWN.

English .....per brick 0 25

Direction for growing Mushroom.—A quantity of stable manure should be collected, the less straw in it the better, and thrown together in a heap to ferment and acquire heat. As the heat is generally violent at first, it should previously to making the bed, be reduced to proper temperature by frequently turning it during a fortnight or three weeks, which time it will require for all parts to get into an even state of fermentation. During this time, should the weather be showery, the heap will require some protection which may be afforded by covering with litter, as too much wet would deaden its fermenting qualities. When the fiery heat has passed off, choose a dry sheltered spot of ground on which to make the bed (any cellar or shed will do.) Mark this out five feet broad; make the length according to the quantity of mushrooms required. On the space marked for making the bed, throw out a trench about six inches deep. The mould may be laid regularly at the side and if good, will do for earthing the bed hereafter. In this trench lay about four inches of good long litter for forming the bottom of the bed; then lay on the prepared dung regularly, over the surface beating it down with a fork, gradually drawing in the sides to the height of five feet until it is narrow at the top like the ridge of a house. In this state it may remain ten days or a fortnight, during which time the temperature should be ascertained towards the middle of the bed, and when found of gentle heat, the bed may be spawned, for which purpose the spawn (if in bricks) should be broken into pieces about an inch and a half or two inches square, beginning within six inches of the bottom of the bed, and in lines about eight inches apart, the same distance being allowed between the pieces of spawn, which are best put in, by one hand raising the manure up a few inches, whilst with the other the spawn can be laid in and covered at the same time. After spawning the bed, if the heat is regular, it may be earthed over. After the surface is levelled with the back of the spade, there should be laid on two inches of mould which should be beaten closely together, and, when finished covered a foot thick with good oat or wheat straw, over which, if in the open ground, mats should be laid on to keep the bed dry. When the bed is to remain permanently, a covered shed will be found convenient.

YELLOW DANVERS ONION.



LARGE RED WETHERSFIELD ONION.

MUSTARD.

White French..... .....per pkt. 5c , per oz. 10c. per ¼ lb. 15c., per lb. 0 40

Culture.—For early use sow in hot bed in February or March, and for general crops, sow early in May, in the open ground thickly in drills, ten or twelve inches apart. Repeat the sowings about every fortnight, for a succession. It is cultivated in the same manner as Cress.

NASTURTIUM,

Tall, mixed..... per pkt. 5c., per oz. 20c., per 2 oz. 35c., per ¼ lb. 60c., per lb. 2 00
Dwarf, mixed..... " 5c., " 25c., " 40c., " 75c., " 2 50

Culture.—Sow in May or early in June in rows or batches, about an inch deep. The growing crop may be supported by staking or bushing as practised with peas, or the taller growing sorts may be shortened in, which will induce a strong stocky habit of growth. While the plants are young they will require some attention in order that they may be properly attached to the stakes or trellises provided for their support. Before planting, the husk or outside covering of the seed should be rubbed off.

ONION.

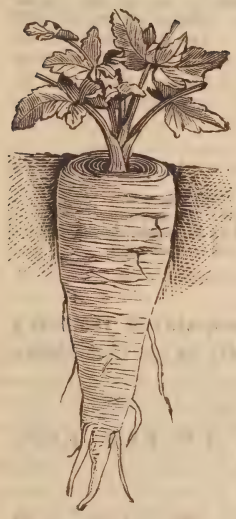
Extra Early Flat Red Wethersfield..p. pkt. 5c., p. oz. 25c., 2 oz. 40c., ¼ lb. 75, lb. 2 75

A very early sort two or three weeks earlier than the Large Red.

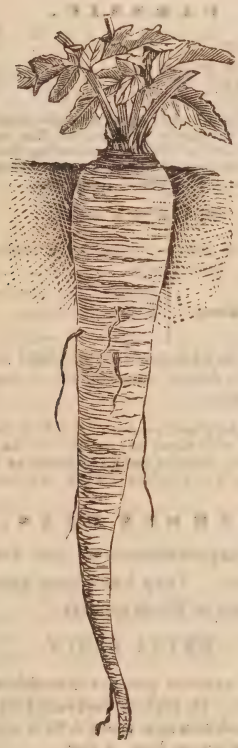
	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.	p. lb.
Early Red Globe, fine early variety.....	5c.,	40c.,	75c.,	1 25	4 00
Large Red Wethersfield, well known variety, very productive	5c.,	25c.,	40c ,	75c.,	2 00
Large White American. mild flavor, grows to a good size.	10c.,	40c ,	75c..	1 50	5 00
" **Yellow Danvers,** fine quality, keeps well.....	5c.,	25c.,	40c.,	0 75	2 50
" **Globe Danvers,** very productive and profitable variety	5c.,	25c.,	40c.,	0 75	2 50
Early White Portugal, for pickling, this very fine variety is used by Messrs. Cross & Blackwell for their celebrated pickles. Seed should be sown thickly to produce small bulbs..	10c.,	40c.,	75c.,	1 40	5 00

The above-named varietes of Onion Seed have been raised expressly for my own use by the same growers for the past 30 years and can be relied upon.

Carter's Golden Globe Tripoli, a novelty from Europe, it grows to the size of the Giant Rocca; flavor excellent, skin golden straw color.....10c.. 40c, 75c., 1 75 4 00



HOLLOW CROWN PARSNIP.



LONG SMOOTH PARSNIP.

SHORT OR ROUND PARSNIP.

ONION.—*Continued.*

IMPORTED FRENCH VARIETIES.

New Giant Rocca of Naples, a fine variety of delicate flavor, large globular shape and light brown skin..... per pkt. 5c , p. oz. 30c., p. 2 oz. 55c., p. ¼ lb. 1 00 p. lb. 3 00

Tripoli Giant White, flavor exceedingly mild and pleasant..... p. pkt. 5c., p. oz. 30c., p. 2 oz. 55c., p. ¼ lb. 1 00 p. lb. 3 00

Culture.—The Onion requires a light, loamy mellow soil; and, unlike most kinds of garden or field vegetables, succeeds well when cultivated on the same land for successive years. Previous to sowing, the ground should be thoroughly spaded over or deeply ploughed, and the surface made smooth and even. The seed should be sown as early in the spring as the ground is in good order, in drills fourteen inches apart and half an inch deep. When the plants are three or four inches high, thin to two inches asunder. In process of culture, be careful not to stir the soil too deeply or to collect it about the growing bulbs. The soil cannot be too rich for the vegetable. From five to six pounds of seed are required to sow an acre.

TOP ONION SETS..... per lb. 30c., or market price.

Culture.—Plant in April or May four inches apart in rows eight inches asunder. Stems that bend heavily require to be supported.

ORACH or Mountain Spinach.....per pkt. 5c., per oz. 20c., per 2 oz. 35c., per ¼ lb. 0 60

Culture.—Sow in the spring as soon as the ground is ready, in drills eighteen inches apart and three-fourths of an inch deep. When the young plants are two or three inches high thin them to ten or twelve inches apart, and cultivate in the usual manner. For a succession, sowings may be made at intervals of two weeks until June.

PARSNIP.

	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.	p. lb.
Long Smooth, a well known variety	5c.,	10c.,	15c.	20c,,	0 60
Improved Hollow Crown, best for general use	5c.,	10c..	15c.,	20c.,	0 60
The Student, a fine flavored variety	5c.,	10c.,	15c.,	20c.,	0 60

Culture.—The soil for this vegetable should be cultivated to the depth of fifteen or eighteen inches, and thoroughly pulverized; level off the surface and rake it fine and smooth. Sow the seeds in drills fourteen inches apart and an inch and a half deep, allowing about an ounce of seed to one hundred feet of drill, and from five to six pounds to the acre. When the young plants are two or three inches high, thin them out to about six inches in the rows.

PARSLEY.

	p. pkt.	p. oz.	p. ¼ lb.	p. lb.
Best Double Curled Dwarf, tender, leaves beautifully curled.	5c.,	10c.,	25c.,	1 00
Garden or Plain, strong growing, very hardy	5c.,	10c.,	25c.,	1 00
Myatt's Garnishing, } Beautifully Curled.	5c.,	10c.,	25c.,	1 00
Carter's Covent Garden Garnishing, } Extra varieties	5c.,	15c.,	40c.,	1 25
" **Champion Moss Curled.**	5c.,	15c.,	40c.,	1 25
" **New Fern Leaved,** valuable as a garnishing plant and admirably suited for mixing with dwarf ornamental foliage plants and also for table decoration	5c.,	15c.	40c.,	1 50

Culture.—Sow in drills half an inch deep and twelve or fourteen inches apart, and when the young plants are two or three inches high, thin them out to five or six inches apart. As parsley seed vegetates slowly, the sowing should be made as early in spring as the ground is in working order. Soak the seed a few hours in warm water before sowing. An ounce of seed will be sufficient for one hundred feet of drill.

GARDEN PEAS.

I beg to call the attention of my customers to the very superior quality of the Peas I have the pleasure to offer this season. They have been grown specially for me from choice selected stock, are perfectly pure and of finest quality.

EXTRA EARLY.

	p. lb.	p. peck.	p. bush.
First and Best White. this is the earliest pea yet introduced as well as the hardiest and most productive. It stands unrivaled as an extra early pea, the pods are very large and contain from 6 to 9 peas, flavor almost equal to a green wrinkled Marrow Pea, 2 feet	10c.,	1 00	4 00
American Wonder, one of the earliest wrinkled peas in cultivation, exceedingly productive, dwarf, compact growth, best quality, 10 to 15 in.	20c.,	2 50	9 00
Bliss', A bundance pea, a wrinkled variety, immensely productive	20c.,	2 50	9 00
Carter's First Crop, very productive, good flavor, 2 feet	10c.	1 00	4 00
McLean's Premium Gem, an improvement on Little Gem, being larger and more productive, it is very luscious in flavor, 1 foot	15c.,	1 75	6 50
McLean's Blue Peter, fine dwarf variety with dark green foliage, splendid bearer, delicious flavor, ¾ foot	15c.,	1 75	6 50

EARLY.

Laxton's Alpha, one of the best early wrinkled peas very productiv, 2 feet	15c.,	1 50	5 00
Daniel O'Rourke, popular market variety, well filled pods, 2 feet	10c.,	1 00	4 00
Kent, one of the best early peas, good sized pods, 3 feet	10c.,	1 00	4 00
Bishop's Early Dwarf, a well known reliable kind, very productive and hardy, fine flavor, 1½ feet	15c.,	1 75	7 00
Cleveland's Rural New Yorker, unequalled in earliness, productiveness and uniformity, in ripening, permitting the entire crop to be removed at one picking	per pint 25c.,	per qt.	0 40
Cleveland's Alaska, said by the originators to be the earliest. The purest, the most prolific and best in flavor of all the early family of peas, also the best keeper in the pod, and the best color when shelled.	per pkt. 10c.,	per pint 25c.,	per qt. 0 40

PEAS—*Continued.*

	p. lb.	p. peck.	p. bush.
Tom Thumb, Cleveland's Improved, white dented, earliest dwarf pea known marked improvement on the old pea of that name, vines being completely covered with pods filled to almost bursting with peas, owing to its hardy nature, can be sown very early, 6 to 8 inches	15c.,	2 00	7 00
McLean's Advancer, a new, dwarf blue, wrinkled marrow, long pods well filled, one of the finest peas in cultivation, 2 feet	15c.,	1 75	6 00
Bishop's Dwarf Long Pod, an exceedingly prolific and valuable variety. 1½ feet	15c.,	1 75	7 00
Blue Imperial, great bearer, fine flavor, 2 feet	10c.,	1 25	4 00

MAIN CROP.

Fortyfold Wrinkled Marrow, similar in habit to the Champion, but much superior to it in every way, having remarkably well filled pods of a bright green color, 4 feet	15c.	1 75	7 00
Laxton's Prolific. white, true to name, one of the most prolific, ripens with Champion, recommended rather for its yielding than eating qualities, 2½ to 3 feet	15c.	1 75	6 50
Harrison's Glory, a large wrinkled marrow, one of the finest kinds, abundant bearer, 2 feet	15c.	1 50	5 50
Champion of England, a general favorite, one of the best in cultivation, 3 to 4 feet	15c.	1 50	5 50
Yorkshire Hero, large late wrinkled dwarf, of branching habit, an abundant bearer, 2½ feet	15c.	1 50	5 50
Veitche's Perfection, very large marrowfat, delicious flavor, 3 feet	15c.	1 50	5 00
British Queen, tall mammoth marrow, one of the best late varieties 6 ft.	15c.	1 25	5 00
Carter's Balmoral Castle, extremely productive with grand pods in the shape of Laxton's Supreme, but much longer and better filled, a very handsome desirable pea	25c.	2 50	9 00
Carter's Commander-in-Chief, one of the finest in cultivation, it is a green wrinkled marrow of exquisite flavor, with slightly curved pods frequently containing 10 large peas	25c.	2 50	9 00
Carter's Telephone, green wrinkled, a week earlier than Champion of England bearing in great abundance, pods 5 to 7 inches long, containing 8 to 12 peas of unequalled flavor, 3 feet	25c.	2 50	9 00
Carter's Stratagem, said to be the finest dwarf wrinkled pea grown, vines grow to a length of 2 feet, and are literally covered with immense pods many measuring nearly 6 inches in length and frequently containing 10 large fine flavored peas	25c.	2 50	9 00
Royal Dwarf White Marrowfat, very productive, good for field culture, 2 to 3 feet	10c.	0 75	2 00	Price varies with the market.
Black-eyed Marrowfat, a favorite market variety, hardy and productive, 3 feet	10c.	0 60	1 75	Price varies with the market.

SUGAR OR EATABLE POD.

Early Dwarf,	These varieties can be used when green like string beans.	2 feet, per lb.	30c.
Tall White Scimitar,		4 " "	30c.

Culture.—Peas come earliest to maturity in a light rich soil, well manured the previous year. Plant as early as the ground can be worked in the spring, and for succession every two weeks through out the season. Plant in single or double rows, from three to six feet apart, according to the height of the peas, about an inch apart in the rows, and three deep. When sown in double rows, the two drills are made about eight inches apart. This method is preferable as one row of stakes will serve for the double row of peas. A pint of the smaller sort will sow a row about six feet long. The crop should be gathered as it becomes fit for use. The dwarf varieties will not require stakes.

LONG RED PEPPER.

TOP ONIONS.

CHILI PEPPER.

SWEET PEPPER.

PEPPER (CAPSICUM.)

Large Red, fruit a brilliant coral red, conical shape, generally curved towards the end, very productive	per pkt.	5c.,	per oz.	0 40
Long Cayenne, pods small, cone-shaped, coral red when ripe, both ripe and green pods are used for pickles	"	5c.	"	0 40
Large Bell or Bull-Nose, an early variety, of good flavor	"	5c.	"	0 40
Sweet Spanish or Square, one of the largest and earliest varieties, flesh sweet, mild and pleasant	"	5c.	"	0 40
Chili, true, very piquant and prolific	"	5c.	"	0 40
Spanish Monstrous or Mountain, very sweet, 6 inches long and 2 inches thick	"	5c.	"	0 40

Plants of the above furnished at 25 cts per doz.

Culture.—Sow in hot bed early in April, in shallow drills six inches apart, and transplant in the open ground when summer weather has commenced. The plants should be set in warm mellow soil, in rows sixteen inches apart and the same distance apart, in rows. Hoe frequently, and keep the ground loose and free from weeds.

POTATOES, New Varieties.

Lee's Favorite, extremely early potato, combining more good qualities than any other early variety, is two weeks earlier than the early rose, similar in form, but distinct in color, being a light flesh color, shading to pink, eyes nearly even with the surface, tubers uniformly good, market size, it is the purest flavored potato of all, cooks as white as flour, by mail per lb. 25c., 3 lbs. by mail 55c., per peck $1.00, per ½ bush, $1.50, per bush. $2.50, per bbl..... 5 00

Rosy Morn, valuable new variety, closely resembling the early Rose, but in quality it is decidedly superior, cooking white and mealy, it yields much more than the early Rose. Its great value consists in its earliness and fitness for cooking sooner after planting than any other kind, by mail per lb. 20c., 3 lbs. 50c., per peck. $1.00, per ½ bush. $1-50, per bush..... 2 50

OLDER VARIETIES.

Beauty of Hebron, one of the best early sorts, white skin and flesh, per peck 75c., per ½ bush. $1.00, per bush..... 1 50

Bliss' Triumph, has all the good qualities of the Early Rose, more productive, and matures its crop ten days in advance of that favorite sort. In color and form it resembles the Garnet Chili. Tubers of medium size, round and uniform, color light red, excellent flavor, per lb. by mail 20c., 3 lbs. 50c , per peck 75c., per ½ bush. $1.00, per bush..... 1 50

STANDARD VARIETIES.

	p. peck.	p bush.	
Snow Flake, one of the earliest varieties. Tubers good uniform size; skin white, flesh fine grained, snow white when boiled.	30c.	1 00	or
Extra Early Vermont, seven to ten days earlier than the Early Rose, enormously productive; excellent flavor, habit and growth like the Early Rose, flesh very white, dry and floury, an excellent keeper.....	30c.	1 00	Market Price.
Early Rose, a universal favorite; one of the best and earliest...	30c.	1 00	

Culture—The earliest crop should be planted in light soil, in a warm situation as soon as the ground can be worked in the spring. Potatoes are usually planted in drills or hills. In good garden soil, the less manure that is used, the better will be the flavor produced, and they will be much less affected by disease. When in hills, they should be planted from three to three and a half feet apart, the distance to be regulated by the habit of the variety under cultivation. If in drills, plant from two and a half to three feet apart, although some of the earliest kinds may be successfully grown at eighteen or twenty inches. Of sets formed by the division of an average sized tuber into four parts, three may be allowed to a hill, and in drills the sets may be planted from seven to twelve inches asunder, according to the habit and size of the plants. As soon as the plants are fairly above the surface, hoe and stir the soil about them and draw the earth gradually about the hills or drills at each successive hoeing and keep the earth free from weeds.

PUMPKIN.

For Field and Garden Culture.

	per pkt.	per ¼ lb.	per lb.
Canada Field, very large and productive, best for stock.....	5c.	10c.	0 30
Cheese, best for cooking.....	5c.	30c.	1 00
Sugar, a very fine variety.....	5c.	30c.	1 00
Cashaw, table variety, grows very large.....	5c.	30c.	1 00

Mammoth Canada, a very large variety, frequently weighing over 150 lbs. Seed saved by myself.....per pkt. 10c., per oz. 20c., per ¼ lb. 60c., per lb. 2 00

Culture—The seeds may be planted after the middle of May, amongst Indian Corn, or in the field or garden, in hills eight or ten feet apart each way, allow three or four plants to remain in each hill. Cultivate in the same manner as Melons or Cucumbers, but avoid planting them any where near either of them.

EARLY LONG SCARLET RADISH.

VEGETABLE MARROW SQUASH.

EARLY SCARLET TURNIP RADISH.

RADISH.	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.	p. lb.
Early Scarlet Turnip, round, white flesh, excellent variety and very early	5c.	10c.	15c.	25c.	0 60
Early Frame, in shape, between a turnip radish and long scarlet, good for hot beds and open ground	5c.	10c.	15c.	25c.	0 75
White Turnip, like the scarlet, but later, a good variety	5c.	10c.	15c.	25c.	0 60
Scarlet Turnip, delicate in flavor and good for summer use.	5c.	10c.	15c.	25c.	0 60
" " white-tipped, very fine variety	5c.	10c.	15c.	25c.	0 75
Deep Scarlet, Olive Shaped, handsome, tender and very early	5c.	10c.	15c.	30c.	1 00
Olive Shaped White, a pretty, fine flavored French variety.	5c.	10c.	15c.	25c.	0 90
Purple Olive Shaped, White Tipped, a new variety of handsome appearance and fine flavor	5c.	10c.	15c.	25c.	0 75
Chartier, Beckerts, new, long, of deep crimson color at the top, shading off to pure white at bottom, roots attain a large size and remain for a long time tender and crisp	5c.	15c.	25c.	40c.	1 50
Long Salmon, light colored, rather longer than the others.	5c.	10c.	15c.	25c.	0 60
" **Scarlet Short Top,** a well-known standard variety	5c.	10c.	15c.	25c.	0 60
New French Breakfast, or Deep Scarlet Olive Shaped, White-tipped, the finest quality, good for forcing	5c.	10c.	15c.	25c.	0 75
Round Purple, / **Long** " } French varieties of excellent flavor	5c.	10c.	15c.	25c.	0 75
Yellow Small Early, / **Black** " " } New varieties, differing from the early scarlet turnip only in color	5c.	10c.	15c.	25c.	0 75
Olive Shaped Golden Yellow Summer, New, pretty form very early, fine flavor	5c.	10c.	15c.	25c.	0 75
Early White Giant Stuttgart, Summer new, nearly round.	5c.	10c.	15c.	30c	1 00
FOR WINTER USE.					
Black Spanish Winter, a fine large long variety	5c.	15c.	20c.	30c.	1 00
White " " large, like the preceding, except in color	5c.	15c.	20c.	30c.	1 00
Chinese Rose Winter, flesh firm and piquant	5c.	15c.	20c.	30c.	1 00
Grey Long " new and exceedingly fine variety, grows larger than the Black Spanish, good keeper	5c.	10c.	15c.	30c.	1 00
Mammoth California, a winter radish averaging 10 inches in length and 2½ inches in diameter, flesh white, solid, good flavor, leaves long and strap-shaped	5c.	20c.	35c.	50c.	1 25

Culture—For early use, sow in hot-beds in March or April, and, as the plants come up, admit air every day in mild weather. For a general crop, sow in the open ground as soon as the soil is fit for working, in drills eight or ten inches apart. Water in dry weather, and keep the ground free from weeds. For a succession, sowings may be made at intervals of ten or twelve days throughout the season.

BLACK SPANISH WINTER RADISH.

CHINESE ROSE WINTER RADISH.

LONG SCARLET SHORT TOP RADISH.

Raphanus Caudatus, this belongs to the radish tribe, but the red pods only are eaten. These attain to the length of 20 or 30 inches in a very short time: can be sown in the open air or in pots and transplanted. Pods should be eaten when about half grown.....per pkt. 0 10

Rhubarb, Victoria and other sorts.....per pkt. 5c., per oz. 0 25

Roots of the above at from 25 cts. to 50 cts. each.

Salsify. or Vegetable Oyster.....per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 60c., per lb. 2 00

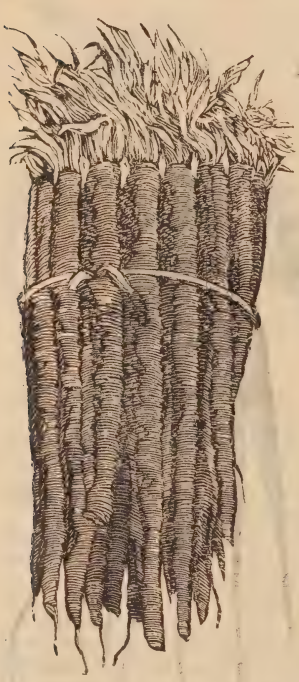
Culture—Sow at the same time and in the same manner as carrot seed. Make the drills fourteen inches apart, cover the seeds an inch and a half in depth, and thin while the plants are young to four or five inches asunder. Cultivate in the usual manner.

Scorzonera,.....per pkt. 5c., per oz. 20c., 2 oz. 35c., ¼ lb. 60c., per lb. 2 00

Culture—Sow in spring in drills one foot apart, and thin out to four inches apart in the row. Transplant the following spring, into rows three feet apart, and eighteen inches apart in the row. Before planting, the ground should be well enriched and thoroughly trenched. Late in the autumn, when the plants begin to decay, clear them all off, then bank up the ridges, laying about eight inches of earth above the crowns of the roots. After the cutting is over in the spring, level the earth again, adding a good coat of manure.

Sea Kale, cultivated for its roots which are used as Asparagus....per pkt. 5c., per oz. 0 25

Culture—Sow the seeds early in the spring in drills a foot apart, thin the plants when a few inches high to nine inches asunder. The following spring, transplant into rows, three feet asunder and three feet apart in the row. As some varieties grow to a much larger size than others, a corresponding distance should be accorded them. Keep the soil well enriched, open and clear of weeds.



SCORZONERA.

RHUBARB.

SALSIFY.

Shallots ..... per lb. 0 20

Culture—Plant in any light dry soil, that has been cultivated as well as manured for a year or two, divide the clustered roots into separate off-setts, plant in shallow drills one foot apart, placing them about six inches apart in the drills, keep free from weeds and stir the ground occasionally.

Sorrel, Broad Leaved ..... per pkt. 5c., per oz. 15c., per 2 oz. 0 25

Sow in shallow drills, 12 inches apart, and thin out to 6 inches; the roots may be divided in spring or fall and set in rows the same distance asunder.

The leaves possess a pleasant acid taste, and are used for mixing with salad.

SPINACH.

Virofley, new variety, leaves very large and thick p. pkt. 5c., p. oz. 10c, p. 2 oz. 15c., p. ¼ lb. 20c., p. lb. 40c

Very Large Flanders, hardy productive variety, very broad leaves ..... " " " " 0 40

Lettuce Leaved, of superior quality, favorite variety ..... " " " " 0 40

Large English, prickly, very hardy, good for fall sowing ..... " " " " 0 40

Round or Summer, fine variety, generally used for spring sowing ..... " " " " 0 40

Long Standing, (Late Seeding) New. This is the best of the varieties. The leaves resemble those of Flanders Spinach, but are as thick and dark colored as the Lettuce leaved. " " " " 0 40

For newer varieties see novelties.

Culture Spinach is best developed and most tender and succulent when grown in rich soil Sow early in spring, in drills twelve or fourteen inches apart. For a succession, the seed may be sown at intervals of a fortnight from the end of April till August.

TURBAN SQUASH.

HUBBARD SQUASH.

SQUASH.

	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.	p. lb.
Early Golden Bush, an early market variety, very tender when young	5c.	10c.	15c.	30c.	1 00
" **White Bush**, a very fine early market variety	5c.	10c.	15c.	30c.	1 00
Canada Crookneck, Summer, early, productive and of good quality, orange yellow	5c.	10c.	15c.	30c.	1 00
" **Crookneck, Winter**, flesh close grained; sweet and well flavored	5c.	10c.	15c.	30c.	1 00
Boston Marrow, rind very thin, bright orange colored flesh, weighs from six to eight pounds, keeps well in winter.	5c.	15c.	25c.	40c.	1 50
White Scolloped, a sub-variety of the Marrow, differing only in color	5c.	10c.	15c.	30c.	1 00
Turban, flesh orange yellow, thick, fine-grained and well flavored; good for fall and winter use	5c.	15c.	25c.	40c.	1 50
Hubbard, best for table use, a general favorite and largely grown as a late root; very productive	5c.	15c.	25c.	40c.	1 25
Autumnal Marrow, an excellent variety like the Boston Marrow; highly recommended	5c.	15c.	25c.	40c.	1 50
Sherington, a very fine Canadian sort, good for table or stock, produces largely and keeps well	5c.	10c.	15c.	30c.	1 00
Vegetable Marrow, a favorite English variety; quite different from any of the preceding, fine flavor	5c.	20c.	35c.	60c.	2 25
" **Marrow, Moore's Cream**, superior variety, of rich flavor	10c.	25c.	40c.	75c.	2 50
Yokohama, new variety from Japan, finest grained of all the squashes; rich marrow flavor	5c.	20c.	35c.	60c.	2 00
Marblehead, an excellent variety of delicious flavor	5c.	15c.	25c.	40c.	1 25
Mammoth, grows to a very large size, often weighing over 100 lbs., good for pies or stock	10c.	25c.	40c.	75c.	3 00
" **Evans'** selected from specimens grown in Montreal, each weighing over 150 pounds	20c.	40c.	75c.	1 25c.	4 00
Butman, fine grained, dry, sweet and delicious flavor	5c.	10c.	15c.	30c.	1 00
Perfect Gem, desirable as a summer or winter squash. The squashes are 4 to 6 inches in diameter. Sweet rich flavor and splendid keepers; are strong growers and yield largely	5c.	15c.	25c.	40c.	1 50

Culture—Sow the seed in hills in the same manner and at the same time as Cucumbers or Melons, when all danger from frost is past. The hills for the bush varieties should be three or four feet apart, and the running kinds from six to nine. Cultivate in the same manner as Melons or Cucumbers.

ACME TOMATO.

LARGE RED TOMATO.

TOMATO.

The following comprise the best varieties in cultivation:

	p. pkt.	p. oz.	p. 2 oz.	p. ¼ lb.	p. lb.
Early Large Red, very smooth and round, medium size, excellent market variety	5c.	25c.	40c.	75c.	2 50
" **York,** very productive, dwarf variety	5c.	25	40c.	75c.	2 50
Acme, flesh solid, fine flavor, smooth and regular in shape, dark red color; having tested this variety on my own farm for several seasons, I can particularly recommend it	5c.	30c.	55c.	1 00	3 00
Large Smooth Red, standard market variety, ripens early, a general favorite	5c.	25c.	45c.	75c.	2 50
Large Yellow, large and smooth, fine flavor	5c.	35c.	60c.	1 00	3 25
Small Round Yellow, used chiefly for preserving and pickling	10c.	50c.	....	....	....
Red Cherry, fruit small, but very productive	10c.	50c.	....	....	....
Early Red Currant, small ornamental variety	10c.	50c.	....	....	....
Tilden, large size, thick meated, smooth, highly flavored	5c.	30c.	55c.	1 00	3 00
General Grant, smooth, symmetrical and solid, a superior variety	5c.	30c.	55c.	1 00	3 00
Canada Victor, early, of fine quality and very productive	5c.	30c.	55c.	1 00	3 00
Conqueror, resembles the Victor, but not so large	5c.	30c.	55c.	1 00	3 00
Scovilles Hybrid, is much earlier than the May flower, ripens perfectly to stem and is very dry. No juice escapes while cutting	10c.	50c.	75c.	1 25	4 00
Trophy, a fine variety, large size, smooth and highly colored, very solid, fine flavor	5c.	35c.	60c.	1 00	3 50
Pear Shaped, good for preserving and pickling	10c.	50c.	....	....	....
Yellow Plum, generally used for pickling, very handsome	10c.	50c.	....	....	....
Strawberry, a distinct species, good for preserving	10c.	50c.	....	....	....
Hubbard's Fern Leaved, very early, of medium size, dwarf habit	5c.	30c.	55c.	1 00	3 00
New Perfection, color blood red, early as the Canada Victor, round in shape, perfectly smooth and very solid, of the very best quality, enormously productive, ripens all over and through at the same time	5c.	30c.	55c.	1 00	3 00
Very Early Dwarf Red, very fine, exceedingly prolific, smooth skinned and full fleshed, very small sized plant, good for forcing	per pkt 10c., per oz. 0 50				

For newer varieties see novelties—Plants of the above varieties supplied at $1.00 per 100.

Culture—Sow the seeds in a hot-bed, in March, in drills five inches apart, and an inch deep. When the plants are two inches high they should be removed to another part of the bed and pricked out four or five inches apart, or removed into small pots, allowing a single plant to a pot. As early in May as the weather is suitable the plants may be set in open ground, three feet apart in each direction. Water freely at the time of transplanting. Shelter from the sun for a few days until the plants are well established, and cultivate in the usual manner during the summer.

TETRAGONIA or New Zealand Spinach.....per pkt. 5c., per oz. 0 25

Culture—The seed may be sown in the open ground from April to July in rich moist soil. Make the drills three feet apart and about an inch and a half deep. Sow the seed thinly so as to secure a plant for each foot of row.

It is cooked and served in the same manner as common Spinach.

TOBACCO.

	p. pkt.	p. ½ oz.	p. oz.
Connecticut Seed Leaf, hardiest and best variety for cultivation in Canada; leaves eighteen inches to two feet long and from nine to twelve inches in diameter	5c.	30c.	0 50
Virginia, a well-known variety, more extensively cultivated in the United States than in this country	5c.	40c.	0 75
Havana, succeeds well in Canada, but it is not so extensively grown here as the Connecticut	5c.	40c.	0 75
Maryland, a very fine variety	5c.	40c.	0 75
Kentucky. extra choice variety	5c.	40c.	0 75

For newer varieties see novelties.—Plants furnished at $1.50 per hundred.

Culture—Tobacco requires a rich soil, well pulverized. The seed should be sown about the last of April or early in May, in a nursery bed thinly in drills. Transplant from 1st to 20th June to straight rows three feet apart each way. When the plants are large enough they should be topped, the leaves nearest the ground broken off and the bud taken out, leaving on the stalk the number of leaves designed for the crop; eight or ten leaves are sufficient for a plant.

TURNIP.

FOR GARDEN CULTURE.

	p. pkt.	p. oz.	p 2 oz.	p. ¼ lb.	p. lb.
Purple Top Munich, very early forcing, the earliest variety in cultivation, forms bulbs 6 inches in diameter within three months; very smooth, growing entirely above ground, white below with a red top, few small leaves, very productive	5c.	10c.	15c.	25c.	0 75
Montmagny, extra fine early garden, new variety, yellow flesh, deep red top, same form as strap leaf but larger.	5c.	10c.	15c.	25c.	0 60
Yellow Malta, a small bulbed early variety, one of the best for summer use	5c.	10c.	15c.	25c.	0 75
White Dutch, early, of medium size and quick growth, a good garden variety	5c.	10c.	15c.	20c.	0 50
Yellow Altringham, medium size, flesh solid	5c.	10c.	15c.	20c.	0 50
Robertson's Golden Ball, an excellent table turnip, fine flavor	5c.	10c.	15c.	20c.	0 50
Orange Jelly, one of the best yellow table varieties	5c.	10c.	15c.	20c.	0 50
White Snow Ball, early, medium size, small neck, white grained, tender and sugary	5c.	10c.	15c.	20c.	0 50
White Stone, early, a favorite variety. globe shape	5c.	10c.	15c.	20c.	0 50
Strap-Leaf White Top, medium size, nearly round, one of the best for family use	5c.	10c.	15c.	20c.	0 50
Strap-Leaf Red Top, similar to the above	5c.	10c.	15c.	20c.	0 40

LAING'S SWEDE TURNIP.

SHAMROCK SWEDE TURNIP.

TURNIP.—*Coutinued.*

FOR FIELD CULTURE.

	p. lb.	in 10 lbs. lots or over p. lb
Aberdeen Purple Top Evans, from selected Stock, a well known hardy variety	30c.	0 27
Aberdeen Green Top Evans', similar to the preceding	30c.	0 27
Green Globe, very superior variety for field culture	25c.	0 23
White Globe, a large popular variety for field culture	30c.	0 27
Grey Stone, hardy variety, grows to a large size, flesh very solid, keeps well.	30c.	0 27
Evans Mammoth purple top white fleshed or improved Grey Stone, a decided improvement on the preceding	30c.	0 27
White Norfolk, a large late kind, coarse grained	30c.	0 27
Strattons' Green Round, Evans' selected, productive and hardy; very fine variety	35c.	0 30
Yellow Tankard, Evans', hardy and productive, a good keeper, fine variety for stock feeding	35c.	0 30

SWEDE TURNIP.

	p. pkt.	p. oz.	p. lb.	in lots of 10 lbs.
Clyde Improved Purple Top, one of the finest varieties in cultivation, producing large handsome bulbs with small top and small tap root, particularly recommended	5c.	10c.	30c.	0 27 p. lb.
Carter's Imperial, hardy, from improved selected stock, extra fine quality	5c.	10c.	35c.	0 30 "

SWEDE TURNIP.—*Continued.*

	p. pkt.	p. oz.	p. lb.				
Bangholm Purple Top. selected, large and handsome, one of the finest in cultivation	5c.	10c.	25c.	in lots of 10 lbs.		23c.	p. lb.
Mammoth Purple Top, very fine, one of the largest varieties in cultivation good for stock or table use	5c.	10c.	30c.	"	"	27c.	"
Bronze Top Extra, hardy, very large solid variety, of fine quality	5c.	10c.	30c.	"	"	27c.	"
Carter's Imperial Hardy Purple Top, particularly recommended as a productive hardy variety	5c.	10c.	25c.	"	"	23c.	"
Champion Purple Top, one of the hardiest and heaviest croppers, very nutritious, succeeding well on all soils	5c.	10c.	25c.	"	"	23c.	"
Green Top, bulbs round and solid, very productive	5c.	10c.	30c.	"	"	27c.	"
Laing's Purple Top, very handsome with peculiar and small top, good market variety	5c.	10c.	35c.	"	"	30c.	"
Shamrock Purple Top, a popular variety with short neck, oblong in shape, yellow flesh, good cropper	5c.	10c.	25c.	"	"	23c.	"
Skirving's Purple Top, selected, a well-known favorite, very hardy and productive	5c.	10c.	25c.	"	"	20c.	"
White, a large solid, very hardy, fine variety	5c.	10c.	35c.	"	"	30c.	"

Culture—Turnips for early use should be sown in the garden last of April or early in May. Sow the seed broadcast or in drills. If in drills, they should be made about fourteen inches apart, and half an inch in depth. The young plants may be thinned to five or six inches asunder. For a succession, a few seeds may be sown at intervals of a fortnight until the middle of August.

Swede Turnips may be sown from the middle of May to the beginning of July either broadcast or in drills, fifteen to eighteen inches apart. Early sowings will unquestionably give the greatest product: while the later grown bulbs, though of smaller dimensions, will prove of quite as good quality for the table.

HERBS.

	p. pkt.	p. oz.
Anise	5c.	20c.
Balm Lemon	5c.	40c.
Borage	5c.	30c.
Carraway	5c.	10c.
Coriander	5c.	10c.
Fennel	5c.	20c.
Horehound	5c.	40c.
Hyssop	5c.	30c.
Lavender	5c.	30c.
Marsh Mallow	5c.	50c.
Pot Marigold	5c.	50c.
Pennyroyal	10c.	....

	p. pkt.	p. oz.
Rampion	5c.	30c.
Rosemary	5c.	75c.
Skerret	5c.	40c.
Saffron	5c.	40c.
Sweet Basil	5c.	40c.
Sage	5c.	25c.
Savory, Summer	5c.	25c.
" Winter	10c.	50c.
Sweet Marjoram	5c.	40c.
Thyme, Winter, large	5c.	50c.
" Summer	5c.	50c.
Wormwood	5c.	50c.

Culture—The generality of aromatic pot and sweet herbs thrive best in a rich mellow free soil. The seeds may be sown as early in spring as the ground will allow, either broadcast or in drills, at suitable distances from each other. The beds should be kept free from weeds, and watered frequently in dry weather.

Choice Samples of

Canadian Timothy, Orchard Grass, Red Top, Kentucky Blue, Perennial Rye Grass, &c., at market price.

CLOVERS.

Prices subject to the fluctuations of the market.

The clovers have been selected with the greatest care, and the purity and excellence of the different varieties may be relied upon.

Rawdon Large Late Red. ripens with timothy ..... per lb. 0 15
Mammoth or Vermont, Large Late Red. ripens with timothy ..... " 0 15
Medium Red or Western, standard well known variety ..... " 0 15
Alsike, a most productive and probably the hardiest variety ..... " 0 15
White, valuable for pastures and permanent purposes ..... " 0 30
Trefoil or Yellow, good for pastures ..... " 0 20
Bokhara or Tree, grows very large, may be cut three times during the season, flowers white and sweet scented, good for bees ..... " 0 20
Crimson, an annual variety, not grown extensively in this country ..... " 0 25
Lucerne or Alfalfa, valuable variety of vigorous growth ..... " 0 20

AGRICULTURAL GRASSES.

When we consider the character of our climate and the necessity that exists for feeding our cattle in-doors for five or six months of the year, we can appreciate the value of the grass crop on which we have to depend, which is by far the most important in this country and claims our farmers' best attention. Of our cultivated grasses, timothy holds the first place and appears to be better adapted to supply the wants of animals and is more extensively grown in this country than any other variety. It is however, difficult to over estimate the importance to a farmer of a good selection and proper mixture of grass seeds for the various purposes of cultivation. For mowing, soiling permanent pasture or an alternate crop, it is a well established fact that a mixture of only two or three species of grasses or clover will produce a less amount of hay than can be obtained by sowing a larger number of species together. We limit our mixture to a few species and fail to arrive at the most profitable results. In a piece of land seeded with one or two favorite grasses only, small vacant spaces will be found which in the aggregate will diminish very considerably the yield of an acre.

To farmers however, living near Montreal, who intend growing hay for this market or for export to the United States, I would not recommmend a mixture of grasses for meadows, as I believe it will pay better to sow only pure Timothy Seed, with Clover, putting 20 to 25 lbs. of Timothy and 3 to 6 lbs. of Clover to the acre. The Clover will probably die out after the second year, leaving the Timothy, which, if well saved will command a much higher price in this and the American market than any other kind of hay, and if the crop is not so large the difference in price will compensate for the deficiency in quantity.

For permanent pasture it is highly important that such species should be selected, as blossom at different periods, in order to secure as far as possible a luxuriant growth during the season. A large number of species will ensure a much denser growth than the same number of seeds of one or two species, and a dense growth of many species will exhaust the ground less, as they live to some extent upon different constituents.

A mixture is sometimes wanted for pastures that are much shaded with trees, and in such cases. those species should be selected which do well in such situations, and which blossom at different seasons so as to give a succession of forage, and at the same time the requisite amount of nutritious elements.

Parties who may require mixtures of grasses for various purposes may rely upon their orders receiving my personal and careful attention, I have supplied many of my customers with mixtures of grasses for meadows, pastures and lawns which have given perfect satisfaction.

The following named grasses comprise the leading species.

Agrostis Alba, English Bent, an excellent variety for lawns, succeeding best in moist situations—35 lbs. to the acre ..... per lb. 0 30
Agrostis Stolonifera, Creeping Bent. a valuable variety for lawns, also highly recommended for permanent pasture, growing earlier and later than most others—35 lbs. to the acre ..... " 0 30
Agrostis Vulgaris, Red Top, valuable as a mixture in pasture and lawns, succeeds well in almost any soil—2 to 3 bushels per acre ..... " 0 10
Alopecurus Pratensis, Meadow Foxtail, a valuable pasture grass of early and rapid growth, thrives best on rich moist strong soil—25 lbs. to the acre .. " 0 35

AGRICULTURAL GRASSES.—*Continued.*

Arrhenatherum Avenaceum, Tall Meadow Oat Grass, this is the hay grass of France, valuable for pastures on account of its early and late luxuriant growth, it will succeed on tenacious clover soil—35 lbs. to the acre ..... per lb. 0 35

Anthoxanthemum Odoratum Sweet Vernal, sometimes used as a mixture with other grasses, is of early growth and emits a very agreeable odor—30 lbs. to the acre ..... " 0 75

Avena Flavescens, Yellow Oat Grass, recommended for dry pastures and meadows—35 lbs. to the acre ..... " 0 60

Bromus Inermis, imported from Russia, very hardy and productive, good forage plant for light dry soil ..... " 0 40

Bromus Schraderi, New Australian Prairie Grass, remarkable for its hardiness, productiveness and quick growth—32 lbs. to the acre ..... " 0 45

Calamagrostis Canadensis, Blue Joint Grass, grows rank and luxuriant on low grounds, large crops of valuable hay are often made from it—30 lbs. to the acre ..... " 0 30

Cynosurus, Cristatus, Crested Dogstail, this grass forms a very close turf, and may be used on lawns, and for pasture on very dry and gravelly soils. —25 lbs. to the acre ..... " 0 45

Dactylis Glomerata, Cocksfoot, Orchard Grass, valuable on account of its nutritious qualities and rapid growth. It is well adapted for growing under trees, and is one of the most useful of pasture grasses—2 to 3 bush. per acre. Market price, per bushel of 14 lbs. $3.00 ..... " 0 20

Festuca Duriuscula, Hard Fescue. one of the finest of the dwarf growing grasses, well adapted for lawns, will thrive on very dry soils—25 lbs. to the acre ..... " 0 20

Festuca Elatior, Tall Fescue, succeeds well in moist soils where the meadows are subject to flooding—25 lbs. to the acre ..... " 0 25

Festuca Loliacea, Darnel Leaved Fescue, early, very productive and nutritious, valuable for lawns and pasture, thriving in all good soils and improving by age—35 lbs. to the acre ..... " 0 30

Festuca Ovina, Sheep Fescue, an excellent variety for sheep pasturage, in dry grounds—25 lbs. to the acre ..... " 0 20

Festuca Pratensis, Meadow Fescue, good for permanent pasture, makes excellent hay, being very nutrituous—35 lbs. to the acre ..... " 0 25

Festuca Tenuifolia, Fine Leaved Fescue, well suited for lawns and pleasure grounds, succeeding well in dry soils—40 lbs to the acre ..... " 0 30

Lolium Italicum, Italian Rye, most extensively cultivated in Europe, where it is especially valuable for sheep feeding and soiling—40 lbs. to the acre. " 0 13

Lolium Perenne, English Rye, very nutritious and valuable for lawns and permanent pastures, coming early into maturity—50 lbs. to the acre ..... per lb. 0 10

Phleum Pratense, Timothy, our well known and most valuable perennial—Market price.

Poa Nemoralis, Wood Meadow Grass, excellent for pasture or lawns, having a nutritious herbage of early growth, thrives well under trees—25 lbs. to the acre ..... per lb. 0 35

Poa Pratensis, Kentucky Blue, valuable variety for lawns. best in dry soils; retains its verdure during the winter. Extensively grown in many parts of the United States—1½ to 2 bushels per acre. Market price ..... " 0 15

Poa Serotina Fowl Meadow Grass, suitable for low moist lands, excellent grass for Oxen, Cows and Sheep. Thrives best when mixed with other grasses—35 lbs. to the acre ..... " 0 30

Poa Trivalis Rough Stake Meadow Grass, good for pasture or meadow on moist soils, producing abundance of nutritious herbage—25 lbs. to the acre. " 0 35

Grasses and Clover Seeds for laying down land to Meadow or Pastures, carefully prepared to suit different soils.....

Mixed Grasses for low lands ..... " 0 30

Finest Mixed Grass Seeds for Lawns, Parks, Cricket Grounds, Gardens, &c., &c., suitable for forming a beautiful close compact evergreen sward throughout the season ..... " 0 30

Directions for preparing and sowing Lawns.

To form a good close velvety turf is sometimes a difficult matter and careful preparation of the ground proposed to be laid down for a lawn is necessary. This should be commenced by draining, if found requisite, and digging to the depth of from, 6 to 12 inches according to the nature of the soil, the surface must be made entirely level and firm with a heavy roller and afterwards carefully raked to remove stones, &c. The greatest care should be taken to give uniform foundation at a uniform depth and to make the upper six inches every where the same, and of uniform structure of good garden soil. When prepared in this way, there should be no uneven spots, hills or hollows which disfigure many lawns and make a variety of tints in different parts; if the land is stony a supply of good mould should be spread over it to the depth of 2 or 3 inches, and the whole thoroughly enriched with well rotted stable manure

After the ground has been made thoroughly fine and clean, a heavy roller should again be used to make it perfectly level, it should then be raked and the seed sown, about 40 lbs. being required to seed a Canadian acre or arpent which contains 3600 square yards

When the grass has well taken, it can only be kept in good order by repeated mowing and rolling, occasional top dressing and cleaning with a lawn rake.

It will sometimes happen that annual weeds, indigenous to the soil come up, these can be checked, if not destroyed by mowing them off as soon as they make their appearance; dandelions and daisies too will often appear and these may be cut up, each one singly, about an inch below the surface, and a little salt dropped over the cut parts.

For lawns requiring improvement, it is only necessary to sow fresh seed at the rate of about 20 lbs. an acre, either in the spring or autumn—in this country, spring sowing will answer best, using a small tooth rake and rolling afterwards.

Moss in lawns is generally a sign of poorness in the soil or want of drainage; to effect its removal rake off as much of the moss as possible, apply a top dressing of quick lime, mixed with rich compost and sow more seed in spring. A top dressing of soot applied in spring at the rate of 11 to 15 bushels per acre will very materially increase the growth of the grass. On croquet grounds where turf has become bare through constant use a thick sowing of seeds on the bare spots early in the spring, rolling subsequently and mowing, as soon after as practicable will be found very beneficial. A slight dressing of fine manure over the whole ground late in the fall will greatly assist the growth of the finer kinds of grass, and help to produce a close growing turf. Mowing alone will not insure a good bottom, it should also have the compression which a roller only can give.

MILLETS.

Annual forage plants valuable for furnishing green fodder and hay, in from sixty to ninety days, from the seed, producing on good soils an extraordinary yield of excellent forage, highly relished by stock. All varieties should be cut in the blossom. Sow from one-half to three-quarters of a bushel per acre.

Common Millet, (*Panicum Milliaceum.*) Very early; height, two to three feet; foliage broad and very abundant; heads, very open; branching panicles; seeds, glossy, oval; somewhat flattened.....per lb. 10cts.

German or Golden Millet, Medium early; height, three to five feet; heads closely condensed, spikes very numerous; seeds round, golden yellow, in rough, bristly sheaths, new and in great favor..... " 10cts.

White French Millet, early; height, from three to five feet. Spikes numerous, seeds, large round, pure white..... " 10cts.

Hungarian (Grass) Millet, (*Panicum Germanicum.*) Early; height, two or three feet; abundant foliage and slender head: withstands drought and yields well on light soils..... " 10cts.

Prices vary with the market.

—:o:—

Wild Rice, for seeding lakes or lagoons.....per lb. 35c., in 10 lbs lots 0 30

Culture—Sow in water from six inches to 5 or 6 feet deep Soft black mud bottom preferred, must be mud. Work the bottom over carefully and pick out the best places. Sow as you would any other grain. Where pond lilies grow it will begin to grow the day it is sown. Avoid a windy day, the rice being light. After being on the water a few moments it gets wet and sinks to the bottom. If sown in a river, avoid the current as much as possible, sow in bays or lagoons. The rice is a self sower in the fall; the seed drops off when ripe and the old stalks sink to the bottom, decompose and make manure for the seed.

MISCELLANEOUS.

As the prices of the following vary with the market, those given are merely approximate.

Wheat, Winter, several choice sorts..... Market price.

" **Black Sea,** a red bearded spring variety, well adapted for this country, ripens early..... "

" **Fife,** a bald variety of Spring Wheat, a general favorite, not liable to rust..... "

" " **Manitoba,** from the North West Very choice sample..... "

" **White Fife,** bald spring, very hardy and productive..... "

" **Golden Globe,** bearded, similar to Black Sea..... "

MISCELLANEOUS—*Continued.*

Wheat, Lost Nation, a very productive bald spring variety..... "
" **White Russian,** same as the preceding..... "

And other choice varieties.

Barley Two Rowed, choice selected..... "
" **Four and Six Rowed,** early, succeeds well on most good soils, productive and strongly recommended..... "
" **Black,** excellent for feeding purposes and is gaining popularity every year..... per bushel 1 20
Oats, White Canadian, superior quality, choice clean seed.....

And several other choice kinds.

Peas, Golden Vine for Field Culture, a well known productive variety, market price..... per bushel 1 10
" **Prince Albert,** larger than the preceding and equally productive, market price..... " 1 10
" **Black Eyed Marrowfat,** grown extensively by our market gardeners for selling in a green state..... " 1 60
" **White Marrowfat,** a fine variety for canning when green..... " 1 60
Indian Corn for soiling, several choice, quick growing varieties, selected expressly for seed, all of which have succeeded well and given perfect satisfaction for the past 10 years, grow very tall, yield a large amount of forage for cattle. Market price.....
Tares, Black, " **Grey,** " **White,** } Well known varieties. Very productive when sown on rich soil, can be cut several times during the season.....
Buckwheat, Silver Hull, much superior and earlier than the common kind, continues in bloom longer, matures earlier and yields nearly double under the same conditions. The flour is also much better. " 1 00
" **Common, selected,** clean seed, market price..... " 0 75
Rye Spring, " **Winter,** } Choice seed. Market price..... per bushel of 56 lbs. 1 10
Horse Beans, for seed..... " 60 " 2 50
Beans White, for seed and cooking purposes, market price.....
Flax, choice samples for sowing..... " ..... " 56 " 2 00
Lentils Extra Large Yellow, for seed or cooking..... per lb. 0 50
Sainfoin, very important forage plant, thriving best on dry calcareous soils to which its culture is generally confined, quantity of seed required per acre about 50 lbs..... " 0 20
Sunflower Large Russian..... " 0 30
" **Common**..... " 0 20
Spurrey, common Spergula Arvensis. much used in Germany where it is highly esteemed as winter pasture for cattle and sheep, it is sown on stubble after corn, grows from 6 inches to a foot high..... " 0 25
Holchus Saccharatus. (Chinese Sugar Cane)..... " 0 15
" **Sorghum,** (Broom Corn)..... " 0 30
Kenney's Early Amber Sugar Cane. This plant has been tested for several years past.—Its saccharine qualities, and earliness highly recommend it It usually grows 6 to 8 feet high. All kinds of farm stock are fond of the seed..... " 0 15
Rape Spring, for sheep..... " 0 12

Prices are not quoted in the miscellaneous list for several articles, as they vary with the market, but samples and quotations will be furnished on application.

BIRD SEEDS.—Prices variable.

Canary	per lb.	10c.
Hemp	"	10c.
Mixed Bird Seed	"	10c.
" " " in lots of 3 lbs.	"	25c.
Millet	"	15c.
Rape, per lb. 12c., in lots of 10 to 25 lbs.		11c.
Over this quantity	per lb.	10c.
" **German**	"	15c.
Maw	"	40c.

TREE SEEDS.

Acer Negundo Fraxifolium, Ash leaved Maple	per oz. 25c.,	per lb.	2 00
" **Saccharinum,** Sugar Maple	" 30c.,	"	3 50
Cratægus Oxycantha, Common Hawthorn	" 15c.,	"	1 00
Fagus Sylvatica, Beech	" 15c.,	"	1 00
Gleditschia Honey Locust		"	0 50
Jugians Nigra, Black Walnut	per gall. 50c.,	per bush.	2 50
Quercus Rubra, Red American Oak	per oz. 25c.,	per lb.	2 00
Robini Pseudacacia, Common Acacia or Locust tree	" 10c.,	"	1 00
Sorbus Ancuparia, Rowan or Mountain Ash	" 15c.,	"	1 00

And other sorts.

IMPORTED RUSSIAN TREE SEEDS.

Acer Plantanoides, Norway Maple	per oz. 25c ,	per lb.	2 50
" **Tartaricum,** Tartarian Maple		per oz.	0 50
Æsculus Hippocustanum, Horse Chesnut		per lb.	0 50
Cratægus Sanguinea, Scarlet Thorn	per oz 40c.,	"	3 50
Pinus Sylvestris, Scotch Pine		per oz.	0 50
Apple	per oz. 10c..	per lb.	1 90
Cherry	" 10c.,	"	0 59
Pear	" 15c.,	"	1 50

And other varieties.

FLOWER SEED DEPARTMENT.

—:o:—

REMARKS

ON THE

CULTIVATION OF FLOWERS.

—:o:—

Annual Flowers are among the most beautiful ornaments of the garden; their richness of coloring, their graceful form, the delicate fragrance of many of them, their great variety, the length of time they remain in bloom, together with their comparative inexpensiveness render them indispensable in every garden.

The term "annual" is applied to plants which are sown in spring, flower the same year, mature their seeds, and then perish. Annuals are divided according to their hardiness into three classes, viz: Hardy, Half-hardy and Tender. Hardy Annuals may be sown in the open air, during the month of May, or occasionally in the fall, as they will bear considerable frost. Half-hardy Annuals may also be sown in May or early in June Tender Annuals require to be sown and brought forward in a hot bed. As our summers are so short almost all Annuals that will bear transplanting are better started in a gentle hot-bed; but as many of the most showy and beautiful, such as Argemone Mexican. Bartonia Aurea, Calendrina Grandiflora. the different varieties of Candytuft, Convolvulus Minor and Major, Eschscholtzia, varieties of Larkspurs, Lupins, Mignonette, Sweet Peas, Poppies, &c., &c., are impatient of removal, they should be sown where they are to remain; those that require rather a long season for their full development, may be sown in pots, two or three seeds in each, as they can be turned out of the pots without checking their growth.

When a hot-bed cannot conveniently be had, sow the seed in a nursery bed, prepared in the open air. For this purpose choose a dry sheltered spot, facing south or east, mark out the ground required, and dig into it some well rotted manure, mixing it thoroughly with the soil, rake the surface perfectly smooth, and sow the seed in rows, placing a label at the end of each row, bearing the name of the flower and the date of sowing. Immediately after sowing, if the ground is dry, water the bed gently. When the plants are large enough to handle, thin them out; if allowed to grow too thickly, they become spindly and weak and will not bear transplanting.

Biennials flower the second, and sometimes the first year, from seed and then perish; consequently they should be sown every year to keep up the succession of bloom.

Perennials generally flower the second year from the time of sowing, remain in the ground and continue to flower for several years.

Many Perennials, however, flower the same year that they are sown and are treated as Annuals. Biennials and Perennials should be sown in the open ground in a nursery bed in May or June, and transplanted to the place where they are to remain early in fall, so that they may be fully established before winter sets in.

The time for sowing flower seeds is of the greatest importance. If they are sown too early, or when the ground is cold and wet they are liable to perish; wait till all danger of frost is passed and the weather becomes mild. Choose a dry day for sowing.

The mode of sowing is also of importance. The depth at which seeds should be sown varies with their size. Large seeds. such as Lupins, Sweet Peas, Martynia Fragrans, Gourds, Marvel of Peru, Morning Glory, Convolvulus Minor, Canna Indica, Nasturtium, Palma Christi, Sunflower, Scabiosa, &c., may be sown from a half to three-quarters of an inch deep. Asters,

Balsams, Candytuft, Helichrysum, Hedysarum, Hollyhock, Cypress Vine, Larkspnr, Crimson, Flax, Malva, Malope, Marigold, Mignonette, Nemophila, Phlox Drummondi, Stocks, Verbenas, Zinnias, &c., from an eighth to a quarter of an inch deep. Ageratum, Amaranthus, Anthirrhinum, Browallia, Carnation, Clarkia Coreopsis, Daisy, Forget-me-not, Godetia, Jacobea, Lophospermum Maurandya, Lobels Catchfly, Viscaria and a great many others, require to be merely covered. Calceolaria, Humea Elegans, Lobelia, Oxalis Rosea, Petunia, Portulaca, &c , should be sown on the surface, pressed lightly in and shaded from the sun for a few days till the young plants come up. Seeds which have a woolly covering, such as Acroclinium, Globe Amaranth, Rhodanthe Manglesi, &c., should have it rubbed off before sowing. Sweet Peas, Lupins, Nasturtium, should be steeped in warm water for a few hours before planting.

PREPARING THE GROUND.

As the strength and beauty of the plants, and their capability to produce both a profuse and prolonged bloom, will depend on the richness of the soil, and the manner of preparing it to receive the young plants, the greatest pains should be taken to do it thoroughly, therefore dig deeply, work in plenty of well rotted manure and a liberal supply of leaf-mould, when it can be procured. In digging, use a fork in preference to a spade; it will pulverize the ground better; never work it in wet weather, as it will become hard and cloggy, and it may take the greater part of the season to get it into good condition again. After the plants have made sufficient growth they should be transplanted into the borders, where they are to remain. For this purpose choose a dull showery day, if possible, or if in dry weather, let it be done in the evening, and water immediately after planting. When the plants are established, they will require no other care than the tying up of the taller growing sorts, to stakes, to prevent the rain and wind from beating them down and injuring the blooms.

ANEMONE FULGENS.

SELECTED FLORAL NOVELTIES FOR 1888.

:o:

1 **Aster Comet, New Curl or Poodle** ..... per pkt. $ 0 50

A new and extremely beautiful class, 9 to 11 inches high, pyramids compactly trimmed with flowers, in form deviating from all hitherto existing Asters and equal rather to a Japanese Chrysanthemum. The plant well cultivated produces from 25 to 30 compact double flowers, from 2½ to 3½ inches in diameter, color rose red bordered with white.

2 **Aster Dwarf Victoria Dark Scarlet, Benary,** new, valuable for cutting and especially adapted for the formation of masses, which produce a strikingly beautiful effect, it is also of great utility for edgings and pot culture..per pkt. 0 25

3 **Begonia Single Tuberous Rooted, International Prize** ..... per pkt. 0 50

Seed of unsurpassed quality, the result of cross fertilization of the newest hybrids, unequalled for steadiness, brilliancy of color, form and size.

4 **Caladium Bulbosum,** new, spotted, veined and blotched hybrids mixed... per pkt. 0 50

5 **Candytuft Empress** ..... per pkt. 0 10

If not superior to all Candytufts this variety is certainly one of the finest of them. Plant of very branching habit and when fully grown is covered with large trusses of pure white flowers,

6 **Canna Crozys' new varieties** ..... per pkt. 0 10

Distinguished by the luxuriance and diversity of the color of their foliage, but above all by the unusual size and brilliancy of hue of their flowers.

7 **Carnation, new, yellow self Germania, Benary,** is a rapid grower, of robust branching habit, height about 2 feet, its numerous flowers, the first of which measure 2 to 3 inches across, are very large and double, of rich canary yellow color, they remain fresh and in full bloom for a long time. Succeeds best planted out in a cold frame or in the open ground..... per pkt. 0 75

8 **Cyclamen Persicum Giganteum Sanguineum** ..... per pkt. 0 75

Flowers are of the deepest and richest shade of blood-red imaginable.

9 **Dodecatheon Meadia,** American Cowslip ..... per pkt. 0 15

Beautiful light purple flowers.

10 " **Integrifolium,** rich crimson purple ..... per pkt. 0 15

Much admired herbaceous perennials.

11 **Gloxinia, New French Tigred and Spotted Hybrids** ..... per pkt 0 25

The seed has been saved from a selection of the finest and most beautiful spotted and tigred hybrids.

12 **Lobelia Erinus Prima Donna** ..... per pkt. 0 25

This attractive and distinct variety produces a multitude of flowers of a rich velvety maroon color.

13 **Lobelia Erinus Compacta Oculata Vilmorin** ..... per pkt. 0 25

Flowers of an exquisite shade of dark-blue and larger in size than those of the Crystal Palace (Speciosa) and are marked with a large pure white eye.

14 **Lupinus flore pleno, President Cleveland** ..... per pkt. of 20 seeds 0 50

This beautiful novelty grows nearly three feet high with succulent green leaves setting off the close joined seven inches long, floral spikes, trimmed with four colored double flowers.

15 **Mimulus Brilliant new large flowered dwarf** ..... per pkt. 0 25

Vigorous growing variety bearing very large and finely formed flowers almost resembling gloxinias.

16 **Mimulus Grandiflorus [Hose-in-Hose]** ..... per pkt. 0 25

A fine novelty with large "hose-in-hose," flowers of pale gold spotted crimson.

17 **Mimulus [Musk-Scented]** ..... per pkt. 0 50

Producing large yellow flowers, beautifully marked with crimson spots which emit a musk scent, very effective plant.

18 **Mina Lobata** ..... per pkt. 0 50

Charming half-hardy Mexican climbing annual, its flowers singular as they are attractive; and when fully expanded are of a creamy white shade. They are copiously produced from the base to the summit of the plant which attains a height of from 18 to 20 feet. It requires the same treatment as other half-hardy annuals, but should be planted in a sheltered situation.

19 **Myosotis Alpestris Victoria** ..... per pkt. 0 25

Plants attain a height of 5 to 7 inches. a circumference of 16 to 18 inches by a diameter of 8 to 10 inches, and when fully grown are perfectly covered with flowers, valuable for carpet bedding, edgings and masses and for growing in pots for market.

20 **Pansies, American grown,** finest mixed, comprising *self colors*, shaded, black, blue, purple, violet, edged or bordered, fancy marbled on white, yellow, and variegated ground, striped on bronze and lilac ground, and viola tricolor maxima ..... per pkt. 0 50

The above mixture contains all the best American Pansies.

21 **Papaver Nudicaule Aurantiacum, Benary,** flowers of beautiful bright orange color, produced in abundance during the whole of the summer and until late in the autumn, blooms the first year from seed, still it is better to sow it in autumn and put out plants in spring ..... per pkt. 0 25

22 **Pelargoniums** ..... per pkt. 0 50

Mixed packets taken from upwards of 70 of the most splendid named varieties of *Diadematum Fancy, Large Flowered, Spotted, George Nosegay and George Tyonale Pelargoniums.*

23 **Pelargonium Scarlet or Zonale, Boucharlot's Collection** ..... per pkt. 0 25

Seed saved from the best new varieties of his unsurpassed collection.

24 **Petunia Hybrida Belle Etoile** ..... per pkt. 0 25

Seed saved from a beautiful strain of the striped and blotched Petunias. Plants are equally floriferous and the flowers larger than the latter.

25 **Petunia Grandiflora, Fimbriata Titania, Benary** ..... per pkt. 0 50

The flowers of this very remarkable variety are of a dark velvety purple, admirably relieved by a broad and clearly defined white band round the edges of the petals.

26 **Petunia Grandiflora Fimbriata, Fl. Pleno "Lady of the Lake" [Benary]** per pkt 0 50

Seed obtanied by fecundating the petunia fimbriata alba with pollen taken from this magnificent pure white double fringed petunia.

27 **Petunia Hybrida, fringed varieties** in splendid mixture ..... per pkt. 0 50

28 **Petunia Grandiflora Steel blue veined, Benary,** a singular but very handsome large flowered petunia with charming venation ..... per pkt. 0 50

29 **Phlox Drummondi fimbriata,** new, beautiful fringed variety ..... per pkt. 0 50

30 **Phlox Drummondi, Grandiflora Stellata Spendens [Benary]** ..... per pkt. 0 50

The richest colored and most effective of all the large flowered Phloxes, in the centre of its vivid crimson flowers is a pure white star.

31 **Phlox Drummondi Alba flore pleno** ..... per pkt. 0 50

The first really double Phlox ever offered. Sixty of the seedlings at least produce charming densely double pure white flowers.

32 **Senecio Elegans Pomponecus, Pompon Senecio** ..... per pkt. 0 50

Pretty new species dwarf Senecio with compact double, little round, short petaled and finely imbricated flowers, equal in beauty to the finest Pompon Chrysanthemum, unsurpassed for borders, carpet beds or groups. Color brilliant pure purple red.

33 **Stock Forcing Ten-Week Snowflake** ..... per pkt. 0 50

Dwarf wallflower leaved, large flowering, produces a vigorous main spike of large and very double snow white flowers, also numerous flowering side shoots, foliage glossy dark green, the earliest white and one of the earliest of all the ten week stocks.

34 **Stock, Reflourishing Giant German Ten-Week** ..... per pkt. 0 50

Vigorous growing, very large umbellated stock; flourishes in mid-June and after the first flowers are cut forms itself into quite a new plant, which unfolds its overrich bloom at the end of August, lasting until frost sets in. Very valuable for bouquets.

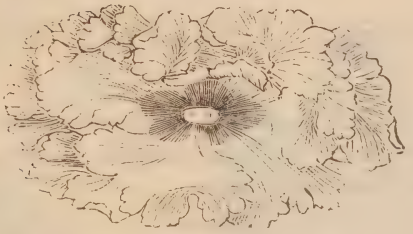
35 **Stock, Autumnal or Intermediate,** 12 colors finest, mixed ..... per pkt. 0 15

36 **Stock, Victoria Ten Week,** dark blood red, new, very fine ..... per pkt. 0 50

37 **Tritonia Coralina,** perpetual flowering ..... per pkt. 0 50

38 **Zinnia Elegans Grandiflora Plenissima** ..... per pkt. 0 25

A fine new class of Zinnias, differing from the older ones from its unusually robust habit of growth and immense size, 5 to 6 inches across, of its perfectly formed and very double flowers of various striking colors.



PRIMULA CHINENSIS FIMBRIATA ALBA.

PRIMULA CHINENSIS FIMBRIATA ALBA MAGNIFICA.

PRIMULA CHINENSIS FIMBRIATA.

CALCEOLARIA HYBRIDA.

COLLECTIONS OF CHOICE FLOWER SEEDS.

—:o:o:—

These collections have been procured from the most reliable European growers and the greatest care has been taken in their selection. I can confidently recommend them as being the best in cultivation.

ASTERS.

39.	**Dwarf Chrysanthemum-flowered**—6 distinct colors	per collection	0 50
40.	" **Bouquet [Boltz's]**—10 distinct colors	" "	0 75
41.	**German Quilled Dwarf**—16 distinct colors	" "	0 75
42.	**Giant Emperor, enormous flowers**—8 distinct colors	" "	0 75
43.	**Reid's taller than the Quilled, globular and better filled**—7 distinct colors, separate	" "	0 75
44.	**Shakespeare Extra Double, very dwarf**—10 distinct colors, separate	" "	1 00
45.	**Truffaut's Improved New Perfection Pæony-flowered**—12 distinct colors	" "	1 00
46.	" **Dwarf Large Flowering Pæony Rose, Extra fine**—8 distinct colors	" "	0 75
47.	**Victoria, Extra fine**—12 distinct colors	" "	1 00

Mixed packets containing any of the above choice collections 10 cents.

STOCKS.

SAVED ONLY FROM THE FINEST POT PLANTS

48.	**Autumnal Earliest Flowering**—8 distinct colors	per collection	0 75
49.	**Brompton**—12 distinct colors, mixed	" "	1 00
50.	**German Ten-Weeks**—12 splendid varieties, separate	" "	1 00
51.	**Giant Tree, Ten-weeks Extra Double,** of large growth and compact stalks—5 distinct colors, separate	" "	0 50
52.	**Large Flowering Dwarf ten-weeks**—12 distinct colors, separate	" "	1 00
53.	" " " **Pyramidal Ten-weeks**—8 distinct colors, separate	" "	0 75

Any of the above mixed, per pkt. 10 cents.

BALSAMS.

54.	**Camelia-flowered or spotted**—10 distinct colors, separate	per collection	1 00
55.	**Carnation flowered, striped**—8 distinct colors	" "	0 75
56.	**Dwarf Double Camelia-flowered**—10 distinct colors, separate	" "	0 75
57.	**Improved Camelia-flowered**—4 distinct colors, Scarlet, Rose, Crimson, Light Blue	" "	0 75
58.	**Rose-flowered, Extra**—12 distinct colors, separate	" "	1 00

DWARF BRANCHING LARKSPUR.

DOUBLE WALL FLOWER.

DWARF CHRYSANTHEMUM FLOWERED ASTER.

CANDYTUFT.

VARIOUS COLLECTIONS.

—:o:—

ANTIRRHINUM (SNAPDRAGON.)

59 Finest Tall variety—8 distinct colors ..... per collection $0 40
60 Tom Thumb variety—8 distinct colors ..... " 0 40

DIANTHUS CHINENSIS.

61 Ten fine new varieties, separate ..... per collection 0 75
62 The same, mixed ..... per packet 0 10

EVERLASTINGS.

63 Twenty fine varieties, separate ..... per collection 1 00
64 The same mixed ..... per packet 0 10

HEART'S EASE. FINEST LARGE FLOWERING.

65 Twelve distinct varieties ..... per collection 1 00
66 The same, mixed ..... per packet 0 10

HOLLYHOCKS, [CHATER'S.]

Seed saved from the most beautiful varieties of this celebrated collection.

67 Twenty distinct colors ..... per collection 1 25
68 The same, mixed ..... per packet 0 25

LARKSPURS.

69 Hyacinth-flowered, ten distinct colors ..... per collection 0 40
70 Tall Rocket, eight distinct colors ..... " 0 40
71 The same, mixed ..... per packet 0 05

MARIGOLD DOUBLE.

72 African, ten separate varieties ..... per collection 0 40
73 French " " " ..... " 0 40
74 The same, mixed ..... per packet 0 05

MARVEL OF PERU.

75 Ten distinct colors, separate ..... per collection 0 40
76 The same, mixed ..... per packet 0 05
77 Gold striped leaves, six distinct colors ..... per collection 0 25
78 The same, mixed ..... per packet 0 05

MORNING GLORY.

79 Ten separate colors ..... per collection 0 40
80 The same mixed ..... per packet 0 05

PETUNIA, LARGE FLOWERING VARIETIES.

81 Twelve distinct varieties, finest ..... per collection 1 00
82 The same, mixed ..... per packet 0 25

PETUNIA DOUBLE.

83 Six finest sorts, new, separate ..... per collection 1 50
84 The same, mixed ..... per packet 0 50

PHLOX DRUMMONDI.

85 Twelve distinct varieties, separate ..... per collection 1 00
86 The same, mixed ..... per packet 0 10

DOUBLE PORTULACA.

POPPIES.

87 Ten different varieties, separate ..... per collection 0 50

PORTULACA, LARGE FLOWERING DOUBLE.

88 Six splendid varieties, separate ..... per collection 0 75
89 The same, mixed ..... per packet 0 25

SALPIGLOSSIS, LARGE FLOWERING.

90 Eight varieties, separate ..... per collection 0 40
91 The same, mixed ..... per packet 0 10

SCABIOUS.

92 Large flowering, eight separate colors ..... per collection 0 40
93 " " Dwarf, Double ..... " 0 30
94 The same, mixed ..... per packet 0 05

SWEET PEAS.

95 Ten distinct colors ..... per collection 0 50
96 The same, mixed ..... per packet 0 05

WALLFLOWER.

97 Six splendid double varieties, separate ..... per collection 0 50
98 The same, mixed ..... per packet 0 10

ZINNIA ELEGANS DOUBLE.

99 Six finest varieties ..... per collection 0 50
100 The same, mixed ..... per packet 0 10

DOUBLE ZINNIA.

Collections of Annuals, Biennials, Perennials,

MY OWN SELECTION.

101	Twelve packets choice Hardy Annuals	0 50
102	Twenty-five " " " "	1 00
103	Fifty " " " " containing some new varieties	2 00
104	Twelve packets choice Biennials and Perennials " "	0 50
105	Twenty-five " " " " " " "	1 00
106	Fifty " " " " " " "	2 00

:o:

COLLECTION OF ORNAMENTAL GRASSES.

107	Six choice varieties, separate	0 25
108	Twelve " " "	0 50

GENERAL LIST

OF

FLOWER SEEDS.

ANNUALS, BIENNIALS AND PERENNIALS.

In arranging this list of Flower Seeds, I have followed the method adopted by many of the European florists, of placing Annuals, Biennials and Perennials all together, arranged alphabetically and distinguished by abbreviations, explanations of which are given below.

EXPLANATIONS—ha. *hardy annual;* hha. *half hardy annual;* ta. *tender annual;* hb. *hardy biennial;* hhb. *half hardy biennial;* [requires protection in winter.] hp. *hardy perennial;* hhp. *half hardy perennial:* ghp. *green house plant.*

The letter C. preceding any of the abbreviations indicates climbing plants, and the letters O.F. ornamental foliage plants.

The figures after description, in the second column, indicate the average height in feet to which the plant attains under good cultivation.

	FLOWER SEEDS.	Hardiness and Duration.	Height feet.	Price. $ c.
109	**ABRONIA Umbellata,** pretty trailing plant, sweet-scented, rose-colored flowers	hha	½	5
110	" **Arenaria,** waxy plant	"	½	10
111	**ABUTILON Georges,** finest hybrids	"	1	20
112	**ACROCLINIUM Album,** beautiful everlasting, pure white	"	1	5
113	" **Flore Pleno,** splendid for bouquets and wreaths. Flowers are larger than those of the single sort, 75 per cent of double flowers will be obtained from the seed offered	ha	1	50
114	" **Roseum,** bright rose	hha	1	5
115	**ADONIS FLOS,** deep scarlet, very pretty	ha	1	5
116	**AGERATUM Mexicanum,** light blue	hha	1	5
117	" **Cœlestinum, dwarf,** light blue	"	½	5
118	" **Lasseauxii,** very fine rose-colored flowers	"	1½	5
119	" **Sweet-scented,** bluish white	"	1	5
	Well known bedding plants of long duration in bloom. The color of the Ageratum—pale blue—forms an admirable contrast to the more brilliant Verbenas and Geraniums.			
120	**AGROSTEMMA CORONARIA, Alba,** white	ha	1	5
121	" " **Cardinalis Magenta**	"	1	5
122	" " **Rose Campion,** bright rose	"	1	5
	Pretty free blooming plants, for beds, clumps or edgings.			
123	**ALONSOA Grandiflora Chamois,** new blossoms of intense chamois red	hha	1	10
124	" **Myrtifolia,** orange scarlet, large flowering, very fine	"	1	5
	Very showy plants; good for mixed beds.			
125	**ALYSSUM MARITIMUM,** sweet-scented, white	ha	½	5
126	" **Saxatile,** golden yellow	hp	¾	5
127	" **Wierzbecki,** yellow, blooms first season	"	1	10
	Early spring blooming plants, suitable for edging.			
128	**AMARANTHUS Abyssinicus,** isolated on lawns or planted at the sides of walks this species produces a remarkably striking effect o.f.	ha	1½	15
129	" **Amabilis Tricolor,** broad and long, rosy yellow, and fiery red leaves with spots of intense brown o.f.	"	1½	15
130	" **Atropurpureus,** a beautiful variety covered with half-drooping bright blood-red flower spikes; easily cultivated o.f.	"	2	5
131	" **Bicolor Ruber,** one of the best variegated leaved plants. Far more showy than the old Amaranthus Bicolor o.f.	ta	3	5

ANTIRRHINUM MAJUS.

ABRONIA UMBELLATA.

AQUILEGIA HORTENSIS.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
132	**AMARANTHUS Henderi,** pyramidal growth, leaves long, assuming an infinity of brilliant shades and colors	o.f. ha	5	15
133	" **Caudatus Love Lies Bleeding**	o.f. ta	2	5
134	" **Cruentus, Prince's Feather**	o.f. "	2	5
135	" **Melancholicus Ruber,** dark red foliage, fine	o.f. "	1	5
136	" **Salicifolius Splendidissimus,** rich golden and purplish-red leaves, very bushy	o.f. ha	2	10
137	" **Tricolor**	o.f. ta	2	5
138	**AMMOBIUM Alatum,** pretty everlasting, white flower	"	2	5
139	" " **Grandiflorum,** new, blooms of purest white and double the size of the preceding	"	2	10
140	**ANCHUSA Augustifolia (Capensis,)** splendid for bouquets, azure blue	hp	3	10
141	**ANDROSACE Coronopifolia,** white, handsome flowers, perfectly hardy, suitable for rockwork	"	¾	10
142	**ANEMONE FULGENS, Scarlet Windflower,** flowers large, of a dazzling vermillion or scarlet, very valuable for bouquets	hhb	¾	20
143	" **Gracea,** or duplex, beautiful double scarlet wind flower	"	½	20
144	**ANTIRRHINUM MAJUS, Snapdragon,** finest mixed	hp	2	5
145	" **Nanum Picturatum,** Snapdragon, flowers shaded and striped, showy and beautiful, mixed	"	1	5
146	" " **Tom Thumb brilliant,** very showy	"	¾	5
147	" **Dwarf,** mixed	"	1	5

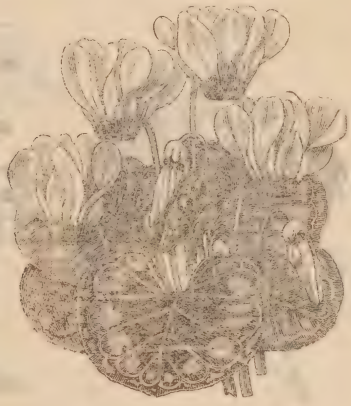
Beautiful summer and autumn flowering plants, will bloom the very first year from seed, in great variety of colors.

148	**AQUILEGIA Chrysantha,** Golden-Spurred Columbine. A strong growing beautiful variety. Flowers yellow, produced freely all summer	hp	4	10
149	" **Glandulosa Vera,** beautiful with very large erect dark blue flowers	"	2	25
150	" **Vervaeneana Atroviolacea Plenissima,** very double flowers, of a deep violet, variegated foliage	"	2	10
151	" **Vulgaris Columbine,** double mixed	"	1	5

The Aquilegia is very hardy, flowering early in the summer. It is extremely beautiful and should be a general favorite, having very brilliant colors and abundance of bloom.

152	**ASPERULA Azurea Setosa,** fine spring bedding plant, sweet-scented blue flowers	ha	1	10
153	**ASTER, Dwarf-Bouquet, Boltz's** mixed	ha	½	10
154	" **Chrysanthemum flowered, extra,** fiery scarlet, copper red and white, mixed	"	¾	15
155	" **Pæony Perfection,** flowers of dazzling pure white	"	1	25

ALYSSUM SAXATILE.



CYCLAMEN PERSICUM GIGANTEUM.

FLOWER SEED.

		Hardiness and Duration.	Height feet.	Price. $ c
156	**ASTER Pæony Perfection,** Black Rlue, fine compact habit of growth, incurved Pæony like blooms	ha	1	25
157	" **Dwarf Victoria,** white and dark blue for pot culture as well for dwarf beds and edgings, splendid race	"	½	20
158	" **German Quilled,** mixed	"	1½	5
159	" **Giant Emperor,** mixed	"	1½	10
160	" **Imbricated Pompon,** white, passing to azure blue and brick red, unsurpassed for bouquets, mixed	"	1	10
161	" **Mignon Pure White**	"	2	25
162	" **Mont Blanc,** the largest flowering of the Asters. Pure white flowers, five inches across	"	1	15
163	" **Needle Crimson, Carmine and Rose,** new and beautiful, mixed	"	1	20
164	" **Pyramidal, Crimson and White. Mosaic Like,** from its peculiar coloring, the entire flower bears a similarity to Mosaic	"	1	25
165	" **Rose Large flowered,** very fine	"	1½	10
166	" **Shakespeare,** extra double mixed, the prettiest of all the Asters, plants 10 to 15 inches in diameter and only 6 inches high. Valuable for pot culture, edgings and dwarf groups	"	½	25
167	" **Truffant's Pæony, Crimson and White**	"	2	10
168	" " " **Dark Blood Red,** particularly beautiful color, the darkest of all	"	1½	15
169	" " " **Dwarf,** large flowering	"	½	10
170	" " " **La Superbe,** rose and blue	"	1	10
171	" " " **Perfection Brilliant Crimson and Dark Scarlet,** new and brilliant colors	"	2	10
172	" " " **Perfection,** mixed	"	1½	10
173	" **Victoria,** new dwarf rosy liiac, a new shade of color of great delicacy, splendid race	"	1	20
174	" **Washington,** pure white [**Mont Blanc,**] light blue, crimson, dark, blue, brown, violet, peach blossom. [**Mont Blanc,**] silver grey, white tinted with rose and peach blossom. Mixed	"	1	25

This is a new race of Asters. It has sprung from the Victoria class but differs in being of more vigorous growth, and the flowers will average 4½ inches across. The collection comprises the most beautiful kinds of this splendid genus.

175	" **Perennial,** mixed, from a splendid collection, sown early in spring, they will flower the same year	hp	1	25
176	**AURICULA,** from prize flowers. Various shades, yellow crimson, maroon, mixed	hhp	½	50
177	**BALM Moldavian,** blue and white	ha	1	5
178	**BALSAM, Camelia-flowered, new Carnation Striped, double,** dwarf.	ta	1	10
179	" **Dwarf** " splendid double, mixed	"	1	10
180	" " **Victoria,** extra mixed, double	"	1	10

AMARANTHUS CAUDATUS.

AGROSTEMMA CORONARIA.

BELVIDERE.

FLOWER SEEES.

		Hardiness and Duration.	Height feet.	Price. $ c.
181	**BALSAM Rose-flowered, double,** extra mixed	ta	2	10
	" **Double,** mixed, best	"	2	10
183	" **Extra Double, Covent Garden Strain,** in eight splendid varieties.	"	2	10
	Balsams are among the most beautiful and popular annuals. They require a moderately rich soil and careful cultivation to bring them to perfection.			
184	**BAPTISIA Australis,** mixed, blue and white, good hardy herbaceous plants	hp	1	15
185	**BARTONIA Aurea,** a profuse flowering plant, golden yellow	ta	2	5
186	" " **Nana,** new, very pretty dwarf variety, flowers large, golden yellow	"	¾	20
187	**BEGONIA Semperflorens,** one of the best for out-door cultivation, flowers very abundant, white leaves brilliant green, making a fine contrast with the flowers	gp	1½	25
188	" **Veitchi,** a splendid novelty with thick fleshy leaves, and large orange scarlet flowers	"	1½	50
189	" **Sedeni Magnifica,** flowers large and brilliant, for pot culture	"	1½	25
190	" " **Semi Plena Var,** produces a high percentage of large semi double rich deep rose flowers	"	1½	50
191	" **Defiance,** this brilliant hybrid is strong and bushy. with large bell shaped flowers produced in great abundance, dazzling scarlet, very beautiful.	"	1½	50
192	" **Double Tuberous Rooted,** splendid mixed	"	1	50
193	" **Froebeli,** } Very fine, new species. The last named possesses the quality seldom found in the same plant of having with beautifully colored leaves, large showy flowers	"	¾	50
194	" **Pearcei,** }			
195	" **Non Plus Ultra,** flowers bell-shaped, of enormous dimensions and dazzling bright scarlet, dark green foliage	"	¾	50
196	**BELLIS PERENNIS fl alba pleno White Double Daisy** gathered from double flowers only	hp	¾	20
197	" " " " **from Collection flowers**	"	½	15
198	**BELVIDERE Summer Cypress** pretty blue flowers	ha	3	5

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
199	**BETA CICLA Brasiliensis (Beet),** with silver, crimson, golden and scarlet ribs	o.f ha	1	5
200	" " **Large Ribbed Scarlet,** extra curled, new	" "	1	5
201	" " " " **Yellow**	" "	1	5
	Beautiful ornamental foliage plants.			
202	**BIDENS Atrosanguinea, [Dahlia Zimapani,]** dark crimson, nearly black.	" ta	1½	10
203	**BLITUM Capitatum, Strawberry Spinach**	" ha	1½	5
204	**BRACHYCOME Iberidifolia, Swan River Daisy,** low growing plants, with handsome Cineraria-like flowers	hha	½	10
205	**BROWALLIA ABBREVIATA Pulchella,** deep rose fine	ta	2½	10
206	" **Czerwiakowski,** a beautiful annual, suitable for greenhouse, blue	"	1½	5
207	" **Elata,** mixed	"	1½	5
208	**CACALIA Coccinea Lutea,** orange, useful for bouquets	ha	1½	5
209	" " **Tassel Flower,** scarlet	"	1¾	5
210	**CALAMPELLIS Scabra,** handsome climber, scarlet	c.hha	10	10
211	**CALANDRINIA Grandiflora,** fine rosy lilac	tp	1	5
212	" **Umbellata,** bright crimson	"	¼	5
213	**CALCEOLARIA Grandiflora Hybrida,** large flowering self-colored varieties	gp	1	75
214	" **Golden Princess,** flowers of great size, very bright colors, richly marked with crimson and maroon	"	1	75
215	" **Herbaceous,** flowers beautifully spott d habit, dwarf and compact colors, very brilliant	"	1	50
216	" **Hybrida Striata, (Benary.)** from isolated hybrid flowers, the markings of the flowers of this new variety may be best compared to those of the bizarre carnation, they offer a pleasing and interesting deviation from those at present grown	"	1	75
217	" **Hybrida, Dwarf, Extra choice, Vilmorin,** saved from an unrivaled collection of dwarf Calceolaria	"	1	75
218	" " **Tigred or Spotted,** saved from the finest collection	"	1	50
219	" " superbly blotched and spotted English show flowers	"	1	50
220	" **Rugosa, shrubby bedding,** finest mixed, saved from prize varieties	"	1	50
221	" **Scabiosaefolia,** yellow	"	1	20
222	**CALENDULA Officinalis, Flore Pleno, "Meteor,"** Marigold, large double flowers, light golden yellow, striped with intense golden orange	ha	2	20
223	**CALLIOPSIS,** see Coreopsis	gp	2	5
224	**CALLIRHOE Pedata,** rich violet purple crimson with white eye	ha	½	5
225	" " **Nana compacta,** new, very pretty	"	¾	5
226	" **Involucrata,** deep carmine red, trailing	"	1	5
227	**CAMPANULA Carpatica,** blue	"	½	5
228	" " white	"	½	5
229	" **Loreyi,** blue	"	½	5
230	" " white	"	¾	5
231	" **Macrostyla,** new, large, handsome, violet flowers	"	¾	25
232	" **Nobilis,** for greenhouse cultivation only	hhp	1	15
233	" **Pyramidalis,** mixed blue and white	hp	3	15
234	" **Speculum,** blue	ha	½	5
235	" " white	"	½	5
236	" " **Flore Pleno Venus' Looking Glass,** double, this seed will produce about 50 per cent, of charming double blue flowers.	"	½	25
237	**CANARY BIRD Flower,** (See Tropæolum)	c.ta	15	10
238	**CANDYTUFT,** sweet scented	ha	1	5

ADONIS FLOS.

CELOSIA CRISTATA.

CAMPANULA MEDIUM SINGLE.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
239	**CANDYTUFT Crimson**	ha	1	5
240	" **Dark Purple**	"	2	5
241	" **White Rocket,** selected	"	1	5
242	" **Flesh Color**	"	1	5
243	" **Fine Mixed**	"	1	5
244	" **Hybrid Dwarf Mixed,** remarkable for their numerous and brilliant flowers shading from pure white into rose, lilac, carmine, red, dark purple, &c.	"	1	10

Candytufts are of the easiest culture, and deserving of a place in every garden.

245	**CANNA Bonnetti,** very fine dark red	of.ta	6	10
246	" **Gigantica,** scarlet flowers	"	7	10
247	" **Indica, Indian Shot,** fine scarlet	"	2	5
248	" **Mixed**	"	4	10
249	" **Warscewiczi,** red variegated foliage	"	1	10
250	" **Zebrina,** scarlet	"	4	15

These stately plants are remarkable for their large and handsome foliage; they are highly ornamental producing a most luxuriant and tropical appearance.

251	**CANTERBURY BELLS,** mixed	ha	2	5
252	" " **Double mixed**	"	2	5

Few summer blooming plants equal them when grown as single specimens.

253	**CARDIOSPERMUM Halicacabum Balloon Vine,** interesting plant	c.hha	10	10
254	**CARNATION Bizarre Flake,** self-colored	tp	1	
255	" choice taken from collections of the mixed varieties of superb Stage Flowers	"	1	75
256	" **Grandiflora,** large flowering prize variety	"	1	50
257	" fine double mixed	"	1	10
258	" **Grenadin,** splendid variety for florists, very hardy, forming double scarlet flowers	"	1	50
259	" **Picotee,** white and yellow ground	"	1	50
260	" " taken from collections of 150 named varieties Stage Flowers mixed	"	1	50
261	" **Remontant Perpetual or Tree,** first quality	"	3	
262	**CASTOR OIL PLANTS** (See Ricinus)	o.f.hha	6	10
263	**CATANANCHE CÆRULEA,** very useful	hp	2	10

CINERARIA HYBRIDA.

CHRYSANTHEMUM CORONARIUM.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
264	**CELOSIA Cristata Cockscomb,** tall, mixed, fine	ha	2	5
265	" " **Crimson Feathered**	"	1	10
266	" " **Dwarf Crimson**	"	½	10
267	" " **Huttoni,** dark foliaged, a splendid bedding plant of bushy habit, should be treated as a half-hardy annual	"	1	25
268	" " **Glasgow Prize Sime's Improved,** magnificent large combs	"	1	10
269	" " **Nana Aurea,** golden yellow	"	1	10
270	" " **Pyramidalis purpurea,** purple crimson	"	1	10
271	" " **Tom Thumb.** new, quite constant	"	1	25
	Attractive and showy annuals, easily cultivated.			
272	**CENTAUREA Babylonica**	o.f. tp	1	25
273	" **Candidissima Ragusina,** elegant silvery foliage	"	1	25
274	" **Depressa,** (Dusty Miller) various mixed	ha	1	5
275	" **Gymnocarpa,** graceful silver foliage, best for bedding purposes	tp	1	25
276	" **Rutæfolia,** decorative for lawns	"	1	10
	Elegant silver leaved plants, much used for ribbon gardening, contrast well with bright colors.			
277	**CHAMÆPEUCE Casabonæ**	o.f.hhb	2	5
278	" **Diacantha,** very fine	"	2	10
279	**CHENOPODIUM Altimissum Atriplicis,** Summer Cypress	ha	1½	5
280	**CHRYSANTHEMUM Burridgeanum.** tricolor	ha	2	5
281	" **Coronarium,** mixed	"	2	5
282	" " **Nanum,** dwarf yellow	"	2	5
	Free flowering plants, suitable for formation of beds and borders.			

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
283	**CINERARIA,** saved from a Prize collection which has obtained *Fifty First Prizes in six years.* Flowers superbly formed and richly colored, varying from white to crimson	ghp	1	1 00
284	" **Hybrida Grandiflora,** saved only from extra fine large flowering prize varieties, this strain is unsurpassed	"	1	75
285	" " **Flore Pleno,** very double flowers of large and brilliant colors, produced in great profusion	"	1	25
286	" " **Plenissima, Double,** from Haags & Smith's, splendid collection	"	1	75
287	" first choice, from English show flowers ex., ex	"	1	50
288	" **Maritima Candidissima,** new, fine	hp	1	10
	See also new varieties.			
289	**CLARKIA Pulchella,** mixed	ha	1	5
290	" ", **Flore Pleno,** rose and violet	"	1	5
291	" **Elegans,** perfect double flowers of the purest white	"	1	10
	very showy annuals, universally grown and admired, easy of cultivation and profuse bloomers.			
292	**CLEMATIS,** beautiful climbing plant, white and purple flowers c.	"	20	10
293	**CLIANTHUS Dampieri,** sow in dry soil, in a dry, hot, sunny position, do not water at all, and give no other dressing than what is necessary to keep the soil clean. Do not transplant	gp	6	25
294	**CLINTONIA Pulchella,** bright blue, yellow at the base of petal, with a purple spot	hha	½	5
295	**COBÆA Scandens,** a rapid climber with large purple bell shaped flowers c.	tp	20	5
296	**COLEUS, new varieties,** very splendid. This seed has been saved with scrupulous care. The utility of these beautiful and fine foliaged plants for garden decoration cannot be over estimated o.f.	gp	2	75
297	**COLLINSIA,** bicolor, mixed, very showy and of the easiest culture	ha	1	5
298	**COLLOMIA Coccinea,** scarlet and yellow	"	1¼	5
299	**COLUTEA Frutescens,** tender annual (perennial in green-house) about two feet in length flowers brilliant scarlet, borne in auxiliary clusters: beautiful plants for either green house or border, producing their flowers in the greatest profusion from May to August	ta	2	25
300	**CONVOLVULUS Major Morning Glory,** eight distinct colors c.	ha	20	5
301	" **Mauritanica,** good basket plant	"	2	10
302	" **Minor Rose Queen,** a charming novelty, with rose colored flowers, centre pure white. fringed with purple violet, shading off into ribbons of golden yellow	"	2	10
303	" **Minor,** mixed	"	2	
304	" **Tricolor Roseus,** the centre are of its rose-colored flowers pure white, fringed with purple violet melting towards the throat into five broad hands of golden yellow	"	20	10
305	**COREOPSIS Bicolor,** mixed	"	2	5
306	" **Atrosanguinea,** blood red	"	1	5
307	" **Pigmæa,** very dwarf	"	½	5
	Very handsome and showy annuals, the colors are rich and striking and the flowers very numerous and beautiful.			
308	**COWSLIP,** hardy, early flowering plant	hp	½	5
309	**CUCUMIS,** mixed, luxuriant and rapid growth, producing singular fruit	"	2	5
310	**CUPHEA Eminens,** bright red and yellow	tp	2	25
311	" **Platycentra,** orange, tipped with purple	"	1	20
312	" **Roezli Grandiflora Superba,** flowers equal in size to those of the Cuphea Miniata	ta	1½	25
313	" **Strigulosa,** orange and red	tp	1	25
314	" **Zimapani,** reddish violet flowers, large and beautiful	ta	4½	10
	Remarkable for beauty and profusion of bloom, will flower the first year from seed.			
315	**CYCLAMEN Emperor William,** extra dark, splendid	hp	½	50
316	" **Giganteum,** pure white, superb appearance	"	½	50
317	" **Persicum Giganteum Universum,** flowers of enormous size, attaining a height of 2 to 2½ inches	"	½	50
318	" " saved from the finest varieties only, very double, of showy color, dwarfer habits than the older varieties	gp	1½	75

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price, $ c.
319	**CYCLANTHERA Explodens**, an elegant climber, with handsome foliage and pretty oval-shaped fruit which explodes when ripe..... c.	ta	8	10
320	**DAHLIA**, very finest quality. saved from the largest and most double sorts, mixed...	tp	5	25
321	" **Pompon**, from fine named plants	"	2	10
322	" **Single Excelsior**, velvety black, one of the most beautiful varieties yet raised.....	"	5	20
323	" " **Paragon, White Queen, Mauve Queen, Canary Yellow, &c.**, mixed.....	"	5	25
324	" **Daisy Double "Longfellow,"** remarkable for the unusual size and *doubleness* of its *dark rose flowers*, which from the length and stiffness of their stalks are of great value for bouquets.....	"	1½	25
325	**DAISY**, from the largest and finest double flowers	"	1½	10
326	**DATURA Fastuosa. Flore Pleno**, mixed colors remarkable for the extraordinary size and beauty of its flowers.....	"	1½	10
327	**DAUBENTONIA Magnifica**, scarlet.....	gp	4	10
328	**DELPHINIUM Ajacis Hyacinthiflorum, large flowering black blue**.	hp	½	10
329	" **Cardiopetalum**, bright blue, flowers from July to October.. ..	"	1	5
330	" **Cashmerianum**, new, flowers fully an inch in diameter, of light blue purple, varying in shade to mauve or dark blue.....	"	1¼	25
331	" **Formosum**, very large exquisite blue, with white centre; will flower the second season from seed.....	"	2½	5
332	" **Hendersoni**, rich azure blue, white centre.....	"	2½	5
333	" **Imperiale, Emperor Larkspur**, large flowering, new.....	"	1½	5
334	" **Nudicaule**, the finest perennial Larkspur. Of dwarf compact growth with abundant brilliant scarlet flowers, quite hardy.....	"	1¾	25

These plants branch out 4 inches from the ground forming fine compact specimens, 3 inches in circumference; height 1½ feet. The flowers in a dry state, are much esteemed for winter bouquets.

335	**DIANTHUS Chinensis, Indian Pink**, selected double mixed.....	hb	1	10
336	" " **Imperialis Fl. Alba Pleno**, new, double white..	"	1	10
337	" " **Nanus Flore Pleno**, mixed dwarf.....	"	1	10
338	" **Heddewigi**, double mixed.....	"	1	10
339	" **Hybridus**, flore pleno extra.....	"	1	10
340	" **Latifolius**, double mixed.....	"	1	10
341	" **Moschatus, English Pink**.....	hp	1	10
342	" **Barbatus Occulatus Marginatus**, Sweet William, Hunt's Superb.....	"	1	10
343	" " **Nigrescens**, very dark.....	"	1	10
344	" **Heddewigi Laciniatus Striatus Fl. Pl.**, large flowering double variety, white flowers elegantly striped with different shades.	hb	1	15

Highly interesting plants, embracing amongst their varieties the most beautiful of our Florist's flowers. All the varieties make splendid bedding plants, but especially double Chinensis flowering freely during the whole summer.

345	**DIGITALIS Purpurea Hybrida Foxglove**, mixed.....	"	4	5
346	**DIOTIS Candidissima**, border plant, rivaling the well known Centaurea Candidissima, by its dwarf bushy habit and dense masses of small round silvery leaves..	"	½	20
347	**DOLICHOS Lablab**, beautiful climber, purple ..... c.	ta	20	4
348	" **Nana**, dwarf white.....	"	3	5
349	**EPAGRIS Hybrida**, finest mixed, varying from pure white to crimson.....	ha	2	25
350	**ERPETION RENIFORME (Australian Pansy)**, very pretty for pots or rock work.....	hp	½	25
351	**ERODIUM Gruinum Hygrometrical**, rose colored, border plant.....	ha	1½	5
352	**ERYTHRINA Christi Galli, Coral Tree**..... c.	gp	20	25
353	" **Hendersoni**.....	"	35	50

A magnificent genus of half hardy plants with beautiful brilliant scarlet flowers borne on spikes 1 to 1½ feet long. Take up in the fall and keep during the winter in a dry cellar, the roots covered with half dry earth. Plant out in spring and they will flower beautifully.

CARNATION PICOTEE.

PERENNIAL ASTER.

CLARKIA ELEGANS.

NICOTIANA MACROPHYLLA.

TORENIA FOURNIERI.

GLOXINIA HYBRIDA.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $	Price. c.
354	**ESCHSCHOLTZIA Californica Alba Flore Pleno,** a new double white variety, beautiful flowers, a striking novelty	gp	5		20
355	" " brilliant yellow, splendid for rows or masses	ha	1		5
356	**Carminea Grandiflora Rosea,** large flowers of intense carmine, blooms freely until late in autumn	gp	1		20
857	" **Mandarin,** inner side of petals rich orange, outer side brilliant scarlet	hp	¾		25
358	**EUCHARIDIUM Grandiflorum,** handsome hardy annuals	ha	1		10
359	**EUTOCA Viscida,** dark blue, free flowering	hha	1		5
360	" **Multiflora,**	"	1		5
361	**FERNS,** 12 distinct varieties from finest collections in Europe	gp	1½	1	00
362	" 6 " " " "	"	1½		50
363	" the same mixed	"	1½		20
364	**FEVERFEW Matricaria Eximia,** double white	hha	1		10
365	**FORGET-ME-NOT,** large flowering, a well-known favorite, blooms first season	hhp	1½		10
366	**FUCHSIA,** double, finest mixed, from a collection embracing most of the finest sorts	gp	2		50
367	**GAILLARDIA Picta,** very showy orange	ha	1		5
368	" **Hybrida Grandiflora,** crimson yellow	ta	1		5
369	" **New Double,** flowers tubular, two or three inches across, color orange and red, semi globose, dense and very showy, a beautiful border flower	ha	1		10
370	" **Picta Lorenziana,** this seed will produce varieties in about six different shades of color, comprising chiefly: Sulphur Yellow, Golden Yellow, Orange, Amaranth and Claret. The blooms, being borne on long stems, will be found very valuable for bouquets	"	1		10
371	**GERANIUM Zonale,** finest mixed	gp	¾		50
372	" " **Tom Thumb,** scarlet	"	¾		25

The most showy and useful of all bedding plants. The seeds have been saved from the finest varieties.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $	Price. c.
373	**GESNERIA,** divers specimens, collected from the finest and largest collections existing	gp	1	25	
374	**GILIA Tricolor.** mixed, pretty dwarf annual, will bloom in almost any situation....	ha	½	5	
375	**GLOBE Amaranth,** mixed, the flowers when dried are much esteemed for winter bouquets	ta	1	5	
376	**GLOXINIA HYBRIDA Grassifolia variegata,** finest mixed, leaves large, thick and of a light green color. Large flowers of brilliant color	gp	½	25	
377	" " **Extra,** this seed is from the finest collection of named varieties	"	½	50	
378	**GNAPHALIUM Foetidum,** a new everlasting, pearl white	ha	1	10	
379	**GODETIA "Bijou,"** flowers finest white with a bright rose-colored spot. Plant very dwarf and forms a dense bush, 12 to 14 inches in diameter, which is covered with 260 to 300 flowers; useful for edgings and masses	"	½	10	
380	" **"Duchess of Albany,"** plants handsome pyramidal shape, they produce large clusters of Oenothera like flowers of a beautiful glossy satiny white, flowers when fully expanded measuring 4 inches across, which so profusely cover the plant as to render the foliage almost imperceptible	"	1	10	
381	" **Lady Albermarle,** plants densely bushy, covered with a profusion of splendid glossy rosy carmine flowers, 3 to 4 inches across	"	½	25	
382	" **Schamini Nivertiana,** flowers rosy white, crimson colored, purple stain in the centre, very showy	"	½	5	
383	" **The Bride,** very beautiful	"	1	5	
384	" **Whitneyi Brilliant, Benary,** flowers of a rich carmine, shading off to a tender rose, of dwarf compact habit of growth	"	½	25	
385	" " beautiful dwarf species, bluish, spotted with crimson in the centre	"	½	5	
386	**GOMPHRENA Globosa nana compacta,** plants attain a diameter of 9 inches, and a height of 5 inches, flowers deep violet red, annual particularly fitted for pot culture	ta	½	25	
387	**GOURD,** mixed, a rapid climber producing very curiously shaped fruit. Suitable for covering trellis work	ha	4	5	
388	" Ornamental, a superb collection of Giant, medium sized and miniature Gourds.	"	6	15	
389	**GRASSES,** various, see ornamental Grasses				
390	**GYPSOPHILA Muralis,** pretty little plant, pale rose	"	½	5	
391	" **Paniculata,** small white flower	tp	1	5	
392	" mixed	"	1	5	
393	**HEARTS EASE.** See Pansy				
394	**HELIOTROPE,** mixed. finest sorts	hp	1½	10	
395	" **White Lady,** magnificent large white	"	½	15	

A useful and much admired class of free flowering, sweet scented plants.

396	**HIBISCUS Africanus,** finest mixed, large and showy flowers	ha	1½	5	
397	**HESPERIS Matronalis Sweet Rocket,** mixed	hp	2	5	
398	**HELIPTERUM Sandfordi,** bright yellow everlasting	hha	1½	5	
399	**HELIANTHUS Nana Californicus Sunflower,** double yellow	ha	5	5	
400	" **Plenus,** dwarf double	"	3	5	
401	**HELICHRYSUM,** everlasting double, finest mixed	hha	1	5	
402	" **Bracteatum,** dwarf rose, blood red	"	1	5	
403	" **Dwarf Double.** splendid mixed	"	1	5	
404	" " blood red	"	1	5	
405	**HEDYSARUM, Coronarium French Honeysuckle,** scarlet and white, profuse bloomer	hp	2	5	
406	**HOLLYHOCK,** mixed, choice from prize collection	"	4	25	
407	" double, very showy, mixed	"	2	10	
408	**HONESTY Lunaria Biennis,** very useful for winter bouquets	hb	½	5	
409	**HYACINTHUS Candicans,** fine Yucca-like plant, white flowers	hp	1	25	
410	**ICE PLANT,** a singular trailing plant with thick fleshy leaves that have the appearance of being covered with ice, very ornamental	hha	1	5	

GODETIA LADY ALBERMARLE.

MIMULUS QUINQUEVULNERUS.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
	IMPATIENS SULTANI. Perennial Balsam, one of the most beautiful of decorative plants. The flowers are of a brilliant rosy color, 1 to 1½ inches in diameter and produced so freely that the plant appears to be quite a ball of flowers	hha		20
412	**IPOMÆA Quamoclit, Scarlet-Ivy leaved,** a very elegant climber of rapid growth, flowers of a striking fiery scarlet, produced in great profusion during the whole summer	c. ta	25	25
413	" **Cypress Vine,** mixed, beautiful climber, with fine foliage and beautiful flowers	c. "	15	10
414	" **Grandiflora,** mixed	c. "	10	10
415	" **Rubra Cœrula**	c. "	10	10
416	**IPOMOPSIS Elegans,** beautiful plants, scarlet and orange	tb	3	10
417	**KAULFUSSIA Amelloides,** dark blue	ta	½	5
418	" **Kermesina,** flowers of a beautiful carmine red	"	½	10
	Exceedingly pretty, suitable for edgings, beds or masses.			
419	**LANTANA,** mixed from fine named plants	gp	2	10
420	**LARKSPUR Branching Double,** mixed	ha	¾	5
421	" **Bismarck, New,** red striped	"	¾	10
422	" **Dwarf Ranunculi flowered, Brown Violet,** forming a compact bouquet, thickly shaded with shining brown-violet blossoms	"	1	10
423	" **Double Stock Flowered, Lustrous Carmine,** new fiery or lustrous carmine, very brilliant	"	2	10
424	" **Giant Hyacinth-flowered, Reddish Grey,** a new and quite distinct race, growing from 3 to 4 feet high	"	4	10
425	" **Dwarf Ranunculi flowered, White Tinged with Lilac,** a new variety, coloring very delicate	"	1	10
426	" **New Dwarf Candelabrum formed**	"	2½	5
427	" **Tall Rocket,** mixed	"	2	5
428	" **Hyacinth-flowered,** dwarf, double mixed	"	¾	5
	The dwarf is adapted to the smallest beds. The taller varieties are best for clumps or masses. and for cut bloom.			
429	**LEPTOSIPHON Hybridus,** fine mixed, low growing hardy annuals, with small beautiful flowers, very showy	ha	¼	10
430	**LINUM Grandiflorum Rubrum,** a neat, slender habit, crimson	hha	1	5
431	**LINARIA Bipartita,** mixed, very pretty, flowering in great profusion	ha	¼	5
432	**LISIANTHUS Russellianus,** large violet purple flowers	glr	2	25
433	**LOASA Hispida new,** a hardy annual with caustic leaves, forming bushes from 3 to 4 feet high, covered with beautiful white starlike flowers	ha	4	25

LYCHNIS HAAGEANA.

NEMOPHILA MACULATA.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
434	**LOBELIA Blue King**	ta	½	10
435	" **Queen Victoria,** scarlet, with dark leaves, quite constant, splendid	"	1½	25
	Two of the finest summer and autumn flowering herbaceous plants known. Their very brilliant flowers are unequalled for effect; yielding in these respects to no other plant in cultivation.			
436	" " **Cardinalis,** brilliant scarlet	tp	1½	25
437	" **Erinus Pearl,** white, edged with blue	ta	1	15
438	" " " **Erecta Kermesina**	"	1	15
439	" " " **Bicolor Blue and White,** Vilmorin	"	½	25
440	" **Grandiflora Superba.** splendid dark blue	"	½	20
441	" **Erecta Crystal Palace compacta,** excellent for edging, true	"	½	25
442	" " **Heather Bell.** color rich rosy purple; effective bedding plant.	"	½	10
443	" **Famosa Nana compacta alba**	"	1	25
444	" **Speciosa Paxtoniana.** a fine variety of an intense dark blue with a clear white spot	"	½	15
445	" **White Gem,** new, color pure white	"	1	10
446	**LOPHOSPERMUM Scandens.** dark rose, a very handsome climber, easily cultivated, beautiful alike for conservatory or out door cultivation	c. tp	10	10
447	**LOLUS JACOBEUS,** annual (perennial in greenhouse) dark brown, flowering from July to September	hha	1	5
448	**LUPINUS** mixed, colors rich and varied	"	2	5
449	" **Polyphyllus,** fine blue	hp	2	5
450	" " **Albus,** pure white	"	2	5
451	" **Hartwegi Cœlestinus,** bright blue	a	1	5
452	" **Flore Rosea,** rose	ha	1	5

MIMULUS CUPERUS HYBRIDUS.

PERILLA NANKINENSIS.

MALVA CHRISTA.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
453	**LYCHNIS Chalcedonica,** scarlet	ha	1½	5
454	" **Fulgens,** bright scarlet, superb species	"	1½	10
455	" **Haageana,** bright scarlet	"	1½	10
456	" " **Nana Hybrida,** dwarf, erect, compact habit, profuse bloomer	"	⅔	10
	Handsome flowering plants for flower and shrubbery borders.			
457	**LYTHRUM Roseum, Superbum,** very showy herbaceous plant	hp	4	5
458	**MALOPE Grandiflora,** crimson, very showy	ha	2	5
459	**MARTYNIA Fragrans,** purple striped, sweet-scented, extremely handsome plants.	"	2	5
460	**MARIGOLD African,** double, fine mixed	"	3	5
461	" " **Early Dwarf,** mixed	"	1	5
462	" **French Double,** mixed, superb	"	2	5
463	" " **Striped Dwarf,** new golden	"	1	
464	" " **Dwarf**	"	1	
465	" **Prince of Orange, Calendula officinalis fl, pl.** brilliant orange colored flowers	"	1	10
466	" **African "El Dorado,"** this is the very finest type of this showy autumnal flower, three to four inches in diameter, and extremely double.	"	1	10
	The glowing color of the French and African Marigolds, their elegantly lobed leaves of richest green tint, and their adaption for summer and late autumn decorations render them indispensable to the flower garden. They retain their beauty and gorgeous colors to the verge of winter.			
467	**MARVEL OF PERU.** mixed	ha	2	5
468	" " **Longiflora,** sweet scented	"	2	5
469	" " **Purple**	"	1	5
470	" " **Dwarf Pure White Mirabilis Jalapa Var. Tom Thumb Flore Alba (Benary),** the plants of this novelty constitute a charming compact little bush studded with snow white flowers and clothed with a fine yellowish foliage	"	1	10
	Free flowering plants admirably adapted to large beds, shrubbery borders, &c. They form a dense bush which is literally covered with flowers for several months.			
471	**MATRICARIA Eximia Grandiflora (Feverfew)** flowers large, pure white blooming admirably from June till frost sets in	"	1	10
472	" " **FL. PL. VAR CRISPA.** double white Feverfew, curled like the finest double curled parsley	"	1	25
473	**MAURANDIA Barclayana,** indispensable for trellis work or for out-door cultivation but is especially useful for baskets	"	10	15

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
474	**MESEMBRYANTHEMUM Cordifolium Variegatum,** cream colored leaves, fine dwarf masses	ta	½	25
475	" **Tricolor,** rose and white	"	½	5
476	" **Crystalinum** see **Ice Plant**			
	Dwarf annuals of great beauty with brilliant flowers.			
477	**MIGNONETTE, Sweet,** a well known favorite	ha	½	5
478	" **Ameliorata,** new, of pyramidal form 2 to 2½ feet in height; flowers of reddish tint, especially adapted to pot culture, deliciously sweet scented	"	2	15
479	" **Eximia,** Parson's new mignonette, almost pure white, of delicious fragrance	"	1	10
480	" **Gigantea Pyramidalis,**	"	2	10
481	" **Golden Queen,** a beautiful variety, the yellowest of all the established sorts	"	1	10
482	" **Large Flowering**	"	1	5
483	" **Miles Spiral**	"	1	10
484	" **The Prize,** a variety much superior to the common kinds. It bears a close, dense spike, twice the ordinary size, is deliciously fragrant	"	1	10
485	" **Odorata Grandiflora Machet, Dwarf**	"	1	10
	Of pyramidal growth, with very thick dark green leaves, flower stalks terminated by long and broad spikes of deliciously scented red flowers.			
486	**MIMULUS Cardinalis,** scarlet and orange, very showy	hha	1	20
487	" **Clapham's Superb Strain,** remarkable for the great size and superb coloring of the flower	"	1	25
488	" **Cupreus Nanus,** brilliant plant, 4 to 5 inches in height, flowers of a most fiery color, leaves small, shining dark green	"	¾	25
489	" **Hybridus Quinquevulnerus maximus,** largest flowering, from named sorts	"	¾	10
490	" **Moschatus Musk Plant,** yellow	"	¾	10
491	" **Roseus Albus, Rubro, Maculatus, White Ground, Red Spotted,** most beautiful varieties	"	1	10
492	" **Superbus, New,** bright rose colored flowers, throat yellow, spotted with red	"	1½	25
493	" **Tigrinus Pardinus,** tigred and spotted varieties, remarkably fine	"	¾	10
494	" " **Duplex,** beautiful double tigred and spotted varieties; constant	"	¾	25
495	" **Variegatus,** mixed, very fine spotted	"	¾	10
496	**MIMOSA Pudica. Sensitive Plant**	ta	¾	5
497	**MOMORDICA Balsamina,** very curious trailing plant with foliage like the Canary bird creeper. The fruit is curious and handsome	c. "	6	
498	**MYOSOTIS (Forget-me-not),** splendid varieties, mixed	hp	1½	10
499	" **Alpestris Robusta,** flowers exceed by far in size those of any other Alpine Forget-me-not. They are a sky blue color with a clearly defined yellow eye	"	1½	25
500	**MYRSIPHYLLUM Asparagoides Smilax,** one of the most valuable of all plants for vases or baskets, as it can be used either to climb or to drop as required Indispensable for wreaths	c ta	20	25
501	**NASTURTIUM Tall,** rich crimson	ha	8	5
502	" Dwarf, scarlet	"	1	10
503	" **Tom Thumb,** brilliant scarlet. See also **Tropœolum.**	"	1	5
	A charming class of bedding plants rich in profusion of bloom.			
504	**NEMOPHILA,** mixed	"	½	5
505	" **Insignis,** beautiful blue	"	½	5
506	" **Maculata,** white and purple	"	½	5
	Pretty annuals, universal favorites, for ease of culture and profuseness of bloom are unsurpassed.			
507	**NIGELLA Hispanica,** love in a mist	"	½	5

PHALACRÆA CŒLESTINUM.

SALPIGLOSSIS HYBRIDA.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $	Price. c.
308	**NOLANA Prostrata,** a very desirable plant to hang over the edge of a pot or vase..	ha	½		5
509	**ŒNOTHERA Evening Primrose,** finest mixed	hp	2		10
	Flowers large, showy and attractive.				
510	**ONONIS Rotundifolia,** rose, flowering from June to September	"	½		10
511	**OROBUS Vernus,** violet, remarkable for its early bloom	"	½		10
512	" **Niger,** purple, light and graceful foliage	"	2		10
513	**OXALIS Alba,** a white variety of this annual reproducing itself exactly from seed	ta	½		10
514	" **Corniculata Atropurpurea,** dark purple foliage	"	½		15
515	" **Rosea,** a very neat plant with small clover-like foliage and bright rose colored flowers	"	½		10
516	**PANSY Cliveden,** in six distinct varieties, mixed	hp	½		20
517	" **Faust or King of the Blacks,** almost black	"	½		15
518	" **Finest quality mixed,** extra	"	1		10
519	" **Mixed, saved from my own choice collection**	"	½		50
520	" **Show, extra choice from named prize flowers**	"	½		50
521	" **Pure white,** fine	"	½		20
522	" **Yellow (Golden,)** pure	"	½		15
523	" **Trimardeau Viola Tricolor Maxima,** an entirely distinct and beautiful new race; the flowers are marked with three large spots and differ from all known races in being of a size hither to quite unattained in this genus	"	½		25
	For other varieties see novelties.				

No garden should be without the Pansy it is so universal a favorite. The seed may be sown at any time from August to April, but many prefer sowing in March or April and planting out in beds in May, the great majority of the plants will flower in July and August. The seed should be only slightly covered and the surface kept moist.

524	**Papaver Umbrosum (Poppy.)** new, 1½ feet high; flowers rich glowing vermillion with a deep shining black spot on each petal; very showy	"	1½		5
525	" " **fl pl.,** one of the most brilliant *double poppies*	"	10		10
526	**PEA SWEET, Lathyrus Odoratus,** 10 colors mixed c.	ha	5		5
527	" " **Invincible Scarlet,** flowers intense scarlet with a deep crimson tinge c.	"	5		10

RHODANTHE MANGLESI.

PETUNIA HYBRIDA DOUBLE.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
528	**PEA SWEET, Everlasting, Lathyrus Latifolius,** mixed	c. hp	5	5
529	" " **Butter-Fly, new,** beautiful variety, producing flowers with a pure white ground, laced with a Lavender blue, deliciously fragrant, valuable for bouquets	ha	5	10
530	**PELARGONIUM, new golden and bronze colors**	gh	2	50
531	" **(Geranium) Grandiflorum,** from finest named fancy varieties	"	2	50
532	" " **from Charles Turner's Splendid Collection**	"	2	75
533	" " **Odier,** all 5 petals blotched, splendid varieties	"	2	50
534	" " **Zonale White,** silver leaved	"	2	50

These beautiful and highly ornamental plants are too well known to require any description.

535	**PENSTEMON,** finest mixed, very showy, colors rich and varied	tp	2	10
536	" **Hartwegi (Gentianoides Hybridus,)** newest hybrids in splendid mixtures	"	2	10
537	**PERILLA Nankinensis,** a free growing plant with foliage of a dark olive hue	o.f.	2	5
538	" " **fol, variegatis,** foliage variegated and striped with brilliant rosy carmine, sometimes with white, producing a striking effect	o.f hha	2	20
539	" " **folis atropurpureis laciniatis,** dark cut foliage, very elegant	o.f. "	2	
540	" " **Macrophyllia Crispa,** new superb variety with large curled leaves	"	2	25

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
541	**PETUNIA Hybrida. Grandiflora alba,** very large white flowers	hha	1	25
542	" " " **large flowering, splendid mixed.** fine show flowers	"	1	25
543	" " " **Hybrida, fine mixed 1st quality**	"	1	10
544	" " **fimbriata, flore pleno.** large flowering, double striped, blooms strikingly beautiful	"	1	50
545	" " **Grandiflora green-edged white throat,** extra large			
546	" " " **double, striped splendid**	"	1	50
547	" " " **flore pleno,** large flowering double	"	1	50
548	" " " **inimitable, double, finest mixed**	"	1	50
549	" " **Marginata,** fine large flowers, green bordered and veined.	"	1	25
550	" " **Superbissima,** large splendidly marked throat, flowers of great size, rose, crimson and purple	"	1	50
551	" " **Robusta, flore pleno,** plants of very compact habit, flowers both smooth and fringed, large flowering double.	"	1	50
552	" " **Nana compacta, Multiflora Flore Pleno double Lilliput,** new double dwarf varieties with numerous pretty small double flowers, spotted and striped	"	1	50
553	" " **Grandiflora intus, Aurea large flowering, yellow throat.** new. large flowers with broad deep yellow throat, veined like the Salpiglossis.	"	1	50
554	" " **Hybrida Illustris fl. pl.,** lovely double flowers of glossy rosy carmine	"	1	50

Petunias from their richness of colors, duration in bloom, and fragrance, are admirable bedding plants, and contrast effectively with scarlet Geraniums, Verbenas, &c. The large flowering varieties are saved only from the finest flowers. The double is the best seed that can be procured in Europe and will give from forty to fifty per cent of double flowers

555	**PHACELIA Congesta,** for bees, suitable for bouquets	ha	1	5
556	**PHLOX Drummondi,** 10 colors mixed, best	hha	½	10
557	" " **Grandiflora Splendens,** finest mixed	"	½	20
558	" " **Coccinea,** scarlet, most brilliant	"	¾	10
559	" " **Purple,** deep blood	"	½	10
560	" " **Radowitzi,** rose, striped with white	"	1	10
	" " **Blue, White Eyed**	"	1	10
562	" " **Isabellina,** yellow, new	"	1	10
563	" " **Cinnabarina,** fine color	"	¾	25
564	" " **Nana Fireball,** richest variety, forming dense dwarf bushes studded with scarlet flowers	"	¾	25
565	" " **Alba,** pure white flowers of unusually large size	"	½	25
566	" " **Nana Snowball,** flowers pure white	"	½	25
567	" **Decassata Perennial,** from M. Liervais, newest and choicest sorts	hp	2	10
568	" " **Nana,** new dwarf varieties, splendid mixed	"	2	25

Of extreme beauty and unequalled richness of color; unsurpassed for bedding or pot culture. Their constant bloom renders them very desirable for these purposes.

	INK, English, from named plants	"	1	10
570	" " finest quality from Mr. Chas. Turner's choice collection	"	1	50
571	**POPPY Carnation,** mixed, very brilliant and showy	ha	1	5
572	**POLYANTHUS,** mixed, from named flowers, fine early flowering plants	hp	1	10
573	**PORTULACA,** single mixed	ha	½	5
574	" **Grandiflora Flore Pleno,** double extra mixed	"	½	25
575	" **Badmani,** white, spotted purple, splendid	"	½	75
576	**POTENTILLA Hybrid Flore Pleno,** double mixed, hardy showy plants, useful and ornamental	hp	1	50
577	**PRIMROSE,** hardy high colored hybrids from white to dark crimson, first class; Deans.	"	1	50
578	" White Winter flowering	"	1	50
579	" Irish varieties in many beautiful colors	"	1	50

SANVITALIA PROCUMBENS.

LARGE FLOWERING GERMAN STOCK.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
580	**PRIMULA Sinensis Fimbriata Flore Pleno, Fringed Double White**	gp	¾	1 00
581	" " " **Prince of Wales,** (Prince Arthur,) flowers glowing scarlet, exquisite variety	"	¾	1 00
	The following varieties have been saved from the largest and most beautifully fringed flowers only.			
582	" **Fringed,** white	"	¾	50
583	" " red	"	¾	50
584	" " the same, mixed	"	¾	50
585	" " **alba magnifica.** highly fringed, of great substance, dwarf habit and beautiful foliage	"	¾	1 00
586	" " **Meteor,** new intense rich crimson	"	¾	75
587	" " **Rich Crimson-Purple,** superb	"	¾	75
588	" " **Alexandra,** white flowers with large golden eye	"	¾	25
589	" " **Carminea alba punctata,** rich velvety carmine, spotted white	"	¾	75
590	" " **Village Maid,** white striped carmine, remarkably beautiful.	"	¾	75
591	" " **Chiswick,** red, brilliant crimson scarlet	"	¾	75
592	" " **Pulcherina,** new, pure white flowers marked with a distinct flight violet eye	"	¾	1 00
593	" " **Sinensis Fimbriata-Filicifolia**	"	¾	75
594	" " **Fern leaved,** white, large beautifully fringed flowers.	"	¾	75
595	" " " " red, large beautifully fringed flowers	"	¾	75
596	" " " " the same mixed	"	¾	75

The fern leaved varieties are charming and their splendid large fringed flowers, elegantly divided foliage and robust habit make them most desirable decorative plants. The flowers quite equal those with ordinary foliage.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
547	**PRIMULA Vulgaris, Common Primrose**	hp	1	5
598	" **JAPONICA,** mixed, perfectly hardy, about 1¼ feet in height, producing a stem bearing several whorls of flowers	gp	1	50
	These varieties have been saved from the largest and most beautiful fringed flowers.			
599	**PYRETHRUM Roseum flore pleno,** rose double	hp	1¼	10
600	" **Parthenium aureum,** golden-feathered	"	1½	10
601	" **Hybridum flore pleno,** double varieties, mixed	"	1½	25
602	**RHEUM Palmatum Tanguticum,** splendid plant with beautiful brown red leaves, very valuable for planting singly on lawns	hp	4	15
603	**RHODANTHE Manglesi,** rose everlasting	ta	¾	10
604	" **Atrosanguinea,** dark red	"	¾	10
605	" **Maculata,** new spotted rose and white	"	¾	10
606	" mixed	"	¾	10
	Beautifnl, small, erect branching plants with numerous showy demi-double daisy blossoms, of rich rose color suffused with white.			
607	**RHODANTHE, Flore Pleno**	ta	4	10
	New everlasting, bushy habit of growth, producing perfectly double bright rosy carmine flowers in great profusion.			
608	**RICINUS Sanguineus Palma Christi, Castor Oil Plant,**	o.f. ta	6	5
609	" **Barbarosa,** fine dwarf compact bushy habit, leaves and stalks of *metallic bronze*, fruit of rich glowing carmine, superb novelty	"	6	15
610	" **Bourboniensis Arboreus,** very ornamental	o.f "	10	10
611	" **Brasiliensis**	o f "	6	10
612	" **Gibsoni,** dark purple stem, leaves very fine and ornamental	o.f "	6	10
613	" **Nova Species,** from the Phillipine Islands with gigantic foliage	o.f "	6	10
614	" **Purpureus Spectabilis,**	o.f "	4	10
	Splendid red fruit in large bunches, with leaves of a bronze metallic hue, very ornamental, producing a fine effect.			
615	**RIVINA Humilis,** white, scarlet berries, very decorative	gh	1	
616	**SALPIGLOSSIS Hybrida,** mixed	"	2	5
617	" **Dwarf,** mixed	"	¾	5
618	" **large flowering,** new, finest mixed	"	1	10
	Beautiful annuals, large, richly colored, delicately veined, mottled blossoms.			
619	**SALVIA Coccinea Pumila,** bright scarlet, useful bedding plant	tp	2	10
620	" **Carduacea,** new and remarkable California species, with most effective and ornamental foliage and lively light blue flowers	"	0	10
621	" **Horminum Violaceum**	"	2	19
622	" **Roemeriana,** scarlet	"	1	10
623	" **Coccinea, bi-color,** foliage variegated, with flowers white and rose, with scarlet lip	"	1	10
624	" **Patens,** splendid deep blue, one of the most gorgeous garden plants	"	3	20
625	" **Splendens,** vivid scarlet, the best of the scarlet colors	"	3	20
626	**SANVITALIA Procumbens,** double, a beautiful low trailing plant with bright yellow flowers	ha	6	20
627	**SAPONARIA Calabrica or Multiflora,** bright rose, free flowering, for beds and masses	"	¾	5
628	" **white**	"	1	5
629	" **Ocymoides,** pale rose, trailing perennial	tp	1	5
630	**SCABIOSA Atropurpurea Mourning Bride,** mixed	ta	2	5
631	" **Candidissima Plena,** very double, a profuse bloomer, popular for bouquets	"	2	10
632	" **Dwarf,** best mixed	"	½	5
633	" " **flore pleno, cherry red,** of medium height, with very double cherry red flowers	"	1	10
	Handsome showy border plants with beautiful mottled flowers.			

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price, $ c.
634	**SCARLET Runners,** scarlet	c.ha	10	5
635	" " **Painted Lady,** scarlet and white	"	10	10
636	**SCHIZANTHUS Grahami Rosea,** rose, beautiful plants, flowers large, handsome and perfectly marked with various colors	"	2	5
637	**SCYPHANTHUS ELEGANS,** beautiful climber	c.gp	8	10
638	**SILENE Pendula Carnea flore pleno,** double blossoms of a delicate pink, for edges and bouquet making	ha	1	25
639	" **America Lobels Catch Fly,** bright pink	"	1	5
640	" **Pendula Ruberrima,** rose	"	1	5
641	" " **Compacta Rosea F, pl, and ruberrima flore pleno,** dwarf compact, hardy, double flowering annuals. The flowers are produced in such great profusion as to hide the foliage, they are the finest of the double Silenes	"	0	10
642	" **Schafta,** rosy purple, from July to October	"	½	10
	Free flowering plants, adapted for beds or mixed flower borders, &c.			
643	**SOLANUM,** mixed	tp	1	5
644	" **Capsicastrum Jerusalem Cherry,** red berries, very beautiful	"	1½	10
645	" **Macrocarpum,** stately species, very ornamental	"	5	15
646	" **Lobeli,** bearing beautiful fruits, which when of full size, are somewhat larger than a plum. During development they change from green to orange, blooming at maturity blood red	"	1½	10
647	" **Marginatum Cabiliense Argenteum,** purple flowers, splendid foliage	"	2	10
648	" **Robustum,** white, very effective	"	1	10
649	" **Warscewiczi,** white	"	6	10
650	**STATICE Bonduelli,** bright sulphur yellow, flowers in great profusion	ta	1½	10
651	" **Incana Hybrida Mixed,** flowers varying from lilac to violetish carmine	hp	1	10
652	" **Suworowi**	ta	1½	15
	Very showy annual branching flower, spikes of bright rose shaded crimson, produced in great numbers on each plant. One plant lasts in flower for upwards of two months. A magnificent novelty.			
653	**STOCK, Large Flowering Dwarf Pyramidal Ten-Weeks extra,** best mixed	ha	1	20
654	" **Intermediate Covent Garden,** white, pot seed	"	7	25
655	" " " " purple	"	1	25
656	" **East Lothian intermediate,** scarlet rose, white, purple and crimson	"	1	10
	" **German Ten-Weeks, Large Flowering,** scarlet, extra double, of large growth and compact flower stalks, mixed	"	1	10
658	" **Dwarf,** " red monstrous, very singular, double	"	1	10
659	" **German Ten-Weeks,** wall flower leaved	"	3	10
660	" **New Giant Tree,** mixed	"	1	15
661	" **Early Autumnal,** mixed	"	1½	15
662	" **Perpetual Emperor, large flowering,** best mixed	"	1	20
663	" **Brompton,** biennial, valuable for early spring flowering, they produce fine large spikes of brilliant colored flowers, exceedingly double and exquisitely formed	tb	3	10
	These universally admired plants are now ranked amongst our most beautiful flowers; they are indispensable in every condition. The seeds offered have been selected from the stock of the most celebrated European growers and cannot be surpassed.			
664	**SUNFLOWER.** See **Helianthus**			
665	**SWEET SULTAN,** purple	"	1	3
666	" " white	"	1	5
667	" " yellow	"	1	3
	Showy, handsome sweet-scented border plants of easy culture.			
668	**SWEET WILLIAM,** Hunt's perfection, saved from the finest strain in cultivation	hp	½	50
669	**TAGETES Signata Pumila,** Crystal Palace variety, about one foot high, two feet diameter, completely covered with flowers; splendid for beds, very showy, and of easy culture	ta	1	5

FLOWER SEED.

		Hardiness and Duration.	Height feet.	Price. $ c
670	**THUNBERGIA Alata,** mixed, flowering annual of twining habit for baskets or vases	ta	4	10
671	**TRICHOSANTHES, Colubrina,** brilliant carmine colored, serpent-like fruit, a very curious climber	c. "	5	10
672	**TORENIA Fournieri Linden,** large sky blue flowers with three spots of a dark indigo blue and a bright yellow stain in the centre of the flowers. Splendid as a pot plant as well as for out-door cultivation	"	1	25
673	" **Baïoni,** new, flowers bright golden with deep brownish red throat, succeeds well in the open ground	"	1	25
574	**TROPÆOLUM Majus King Theodore,** foliage and flowers very dark, strong luxuriant growth	c. "	10	10
675	" **Peregrinum Canary-bird flower,** a beautiful climber with profusion of pale yellow flowers	c. "	10	10
576	" **Lobbianum Hybrid,** mixed orange scarlet	"	10	10
677	" " **Spit-fire,** new beautiful dark brown flowers; vigorous and abundant bloomer, remarkably adapted for decorative purposes	c.hha	10	10
678	" " **Crown Prince of Prussia,** brilliant dark blood red	c. ta	1	20
679	" **Nanum Beauty**	c. "	6	25
680	" **Crystal Palace Gem,** yellow and maroon	"	1	20
681	" **King of Tom Thumb,** crimson, scarlet, metallic blue foliage	"	¾	20
	This is a superb new variety, forming bushes, with a profusion of brilliant flowers.			
682	" **Tom Thumb,** ruby king	"	¾	20
683	" " " white pearl	"	¾	20
684	**VERBENA Hybrida, Black Blue with white Eye,** one of the showiest and most beautiful colors	"	¾	20
685	" **Italian,** striped, splendid	"	¾	25
686	" **Defiance,** deep scarlet, exceedingly showy	"	¾	25
687	" **Hybrida Candidissima,** this variety produces large trusses of flowers of the purest white	"	¾	25
688	" **Teucrioides Odorata,** sweet scented	"	¾	10
689	" **Hybrida,** extra. first quality from named flowers	"	¾	20
690	" " fine mixed	"	¾	10
691	**VERONICA Syriaca,** a pretty miniature plant, with a profusion of blue and white flowers, suitable for margin of beds, &c	hh	½	10
692	" **Hybrida,** mixed	hp	1	25
693	**VINCA Rosea**	gp	2	20
694	" **Alba,** white, pretty dwarf red plant	"	2	20
695	**VIOLA Cornuta,** Mauve Queen	hp	½	10
696	" **Odorata, the White Czar,** largely grown for the market	"	½	25
697	" " fragrant	"	½	10
698	" **Maxima Quadricolor,** magnificent Pansy sky blue, edged with violet purple on white and yellow ground often marbled and spotted with azure blue	"	½	50
699	" **Tricolor Maxima Candidissima Snow Queen,** flowers of delicate satiny white with a slight tinge of yellow towards the centre, splendid for bouquets	"	½	50
700	**VIRGINIAN Stock,** very pretty little early blooming plants	ha	¾	5
701	**VISCARIA Oculata Picta,** finest mixed	"	¾	10
702	" **Cardinalis,** rich magenta purple	"	¾	15
	Beautiful plants with profusion of flowers, valuable for bedding, massing or edging.			
703	**WAHLENBERGIA Grandiflora,** mixed, handsome herbaceous plants with large bell shaped purple and white flowers	ha	½	10
704	**WALL FLOWER, early, new,** branching, double mixed	hb	1½	10
705	" " **Dwarf Tree**	"	1½	10
706	" " **Double,** finest mixed	"	1½	10
707	" " " **Tall Tree,** bronze, new	"	2	10
	Favorite sweet scented plants, flowers too well known to require description.			

PENTSTEMON GENTIANOIDES.

PHLOX DRUMMONDI.

VERBENA HYBRIDA.

CINERARIA HYBRIDA LARGE FLOWERING DWARF.

VISCARIA OCULATA.

VERBENA AURICULA FLOWERED.

FLOWER SEEDS.

		Hardiness and Duration.	Height feet.	Price. $ c.
708	**WAITZIA Aurea Grandiflora,** bright yellow, very handsome everlasting flowers, bear some resemblance to the Acrocliniun but more delicate and graceful	ha	1	10
709	**WIGANDIA Caracasana**	o.f. p	6	25
710	" **Vigeri,** superb foliage	o.f. "	3	25
	Most magnificent plants with large leaves.			
711	**XERANTHEMUM Annum,** double purple	ha	1	5
712	" " **Superbissimum,** flowers very double	"	1	10
713	" " double white	"	1	5
714	" " mixed	"	1	5
	Handsome everlasting flowers, useful for winter bouquets.			
715	**ZEA Curagua,** variety of Indian Corn, of large growth	hha	10	10
	" **Japonica Follis Variegatis Striped Japanese Maize**	"	5	
	A most beautiful plant with large foliage, broadly ribboned in all its length with alternate stripes of white and green.			
717	**ZINNIA Elegans,** double, from choice varieties mixed	ha	2	10
718	" " **Double White,** a long desired addition to our collection of dwarf Zinnias, equal to the best of the oldest varieties.	"	1	25
719	" " " **dwarf new, scarlet, violet, yellow, mixed**	"	2	10
	A magnificent class of free-flowering plants with large, handsome, rich colored flowers, which continue in beauty, till destroyed by frost. The seeds offered are from the best varieties.			
720	" **Darwini,** comprising four sections of different colors	ta	2	15
721	" **Mexicana compacta nana**	"	¾	25

ORNAMENTAL GRASSES.

722	**AGROSTIS Pulchella**	ha	1	5
723	" **Dulcis**	"	1	5
724	**ANTHOXANTHEMUM Gracile**	tp	3	5
725	**ARUNDO Conspicua**	"	1	5
726	**AVENA Sterilis**	ha	3	5
727	**BRIZA Compacta Maxima**	"	1	5
728	" **Minima**	"	½	5
729	**BRYZOPYRUM Siculum**	"	1	3
730	**BROMUS Brizæformis**	"	1	5
731	**CHLORISE Barbata,** very fine	"	1	10
732	**COIX Lachryma (Job's Tears)**	"	2	5
733	**ERAGROSTIS Elegans**	"	2	5
734	**ERIANTHUS Ravennae**	"	5	10
735	**FESTUCA Pectinella**	"	1	5
736	**FIORNA Pulchella**	"	1	5
737	**GYNERIUM Argenteum Pampas Grass**	"	4	25
738	**HORDEUM Jubatum**	"	2	5
739	**LAGURUS Ovatus**	"	4	5
740	**LASIAGROSTIS Argentea**	"	1	10
741	**PASPALUM Elegans**	"	1	5
743	**PENNISETUM Longistylum**	"	1½	5
743	**PEPAITHERUM Multiflorum**	"	1	10
744	**STIPA Elegantissima**	tp	1	10
745	" **Penata, Feather Grass**	"	1	10
746	**TRICHOLÆNA Rosea,** beautiful new rose-tinted grass	"	1	10

HORTICULTURAL REQUISITES.

Fertilizers, Insecticides, Grafting Wax, &c.

An Insecticide and Fertilizer, destroys Potato Bugs, Cabbage Worms, Rose Bugs and all Lice, Worms, and Caterpillars upon Melon, Cucumber, Squash and Grape Vines, Fruit and Ornamental Trees, Shrubs and Flowering Plants. It has been used in this Province with great success and is not injurious to either man, beast or fowl, but is probably the most effective and economical article in use for the destruction of the various insects that prey upon cultivated vegetation. in 5 lbs. package, 35 cts. 10 lbs. packages, 60 cts.

Special prices given for larger quantities.

Soluble Fir Tree Oil Insecticide, for parasites on plants and animals. Unquestionably answers every purpose as an Insecticide and satisfies the requirements of the horticulturists, being a mixture of hydro-carbon oils perfectly soluble in water. The application of the Insecticide on plants and trees should be done in the evening or very early in the morning, and in all operations the use of soft water is especially recommended.

DIRECTIONS.

To make a cleaning solution for washing or cleansing purposes—Half a pint of the oil to 10 gallons of water.

For Green and Black Fly, Thrip, American Blight, Woolly Aphis, &c.—Half a pint of the Fir Tree Oil to 2 or 4 gallons of Water. or 2 or 3 table-spoonfuls to the pint.

For Red Spider and Caterpillar—Half a pint of the Fir Tree Oil to 2 gallons of water, or 3 tablespoonfuls to the pint.

For Mealy Bug, Brown and White Scale—Half a pint of the Fir Tree Oil to 4 or 6 quarts of water, or 3 or 4 tablespoonfuls to the pint

For Mildew and Blight on Fruit and Foliage—Half a pint of the Fir Tree Oil to a gallon of water, or 2 tablespoonful to the pint.

For Ants, Grubs, Worms, Wood Lice, &c., in the soil—Half a pint of the Fir Tree Oil to 4 gallons of water.

per qt., $1.75 per pt., 90 cts. per ½ pt., 50 cts.

Gishurst's compound, per box.....	60c.	Goulding's Flower and Plant Food. p. bott.,	35c.
Fowler's Insecticide, per bottle.....	80c.	Nowell's Garden and Floral Phosphate, p. box,	25c.
Breaknell's " " packet.....	20c.	Grafting Wax l'homme LeFort, per tin.....	55c.
" " with bellows,....	30c.	" " per lb.....	40c.
Hellebore Powder in 1 lb. packets...	25c.		

Pure Paris Green in unbroken parcels or by the pound.

Genuine Peruvian Guano,

In bags containing 200 lbs. each .....per 100 lbs. $5.00 ; per lb. 10c.

SUPERPHOSPHATE,

Manufactured at Smith's Falls, Ontario, suitable for vegetables generally, and Tobacco. per bag of 200 lbs. $4 00

" for Wheat, Barley, Oats, Rye, Corn, &c. per bag of 200 lbs. 3 50

" manufactured at Brockville, Ontario, suitable for all kinds of crop, put up in barrels containing each 250 lbs..... 5 00

Land Plaster, in Bbls of 300 lbs. Market price.
Bone Dust, Bone Meal, Flour of Bone, &c. " "
Peat, imported for potting purposes.
Silver Sand, imported.

Cuba Bast for Tying.	Archangel Mats.
Raphia "	Rubber plant Sprinklers.
Green Dyed Moss.	Wire Hanging Baskets.
Dried Flowers in Bouquets and Loose.	Hanging Baskets filled.
Imitation plants in flower.	Fancy Gold Baskets.

Plant Stakes. Wooden, Painted Green.

2 feet, per doz.....$1.00 3 feet, per doz.....$1.25 4 feet, per doz.....$1.50
5 feet, per doz.....$1.75 6 feet, per doz.....$2.00

Pot and Tree Labels, Wooden.

Pot 3½ x ½ inch, per 100..... 20 cts. Pot 10 x 1½ inch, per 100.....60 cts.
" 4½ x ⅜ " " .....25 " " 12 x 1⅔ " " .....75 "
Notched Tree, 3½ x ⅝ inch, per 100.....20 cts.
" " 4 x ¾ " " .....25 "

Fancy Hanging Vases and Flower Pots.

Hanging Vases, various designs such as boats finished in Vermilion, Rustic logs, Round, &c., finished in various colors.

FANCY POTS: Rustic designs ornamented with gilt vines, other styles finished in Vermilion and Gold aud various other colors. The styles and sizes are numerous, and prices moderate. Customers so desiring can have a circular sent them giving cuts and description of different sizes.

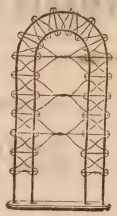
Horticultural and Garden Tools.

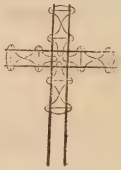
SUNDRIES.

Atomizers for distributing water.
Aquapults.
Bill Hooks.
Brush Hooks.
Fern Stands.
Forks Digging, 4 tined.
" " English, 4 and 5 tined.
" Ladies Garden, 60c.
" Hand Weeding, figure 14.
Floral Sets.
Fumigators, $1 75 to $7.00.
Grafting Chisels.
Garden Knives.
" Reels with Stake, figure 18.
Gloves for gardening.
Gooseberry Pruners, Staghandled, hooked blade, 90c. fig. 18.
" " Staghandled, straight blade, 90c. fig. 20.
Grass Hooks.
" Plot Edging Knives, fig. 9, $1 10 to 1.45.
Glass Shades for Fern Stands.
Hoes, Solid Shank.
" Socket.
" Draw.
" Onion.
" Dutch, 4 to 10 inch., 35c. to $1.00.
" Ladies Garden.
" Vernon, figure 22.
" Prussian, " 120.
" Triangular, figure 15.
Hatchets, Milton, " 21.
Hyacinth Glasses.
Knives, Ivory handled budding, 80c. to $1.25.
" Stag Horn handled pruning, 90c. to $2.00.
" Asparagus.
" Edging.
Lawn Mowers Excelsior.
" " Philadelphia.
Lawn Sprinklers.
" Rollers, 2 sections.
Picks and Mattocks.
Pruners, Waters' Tree.
Rakes Steel, 11 to 18 teeth.
" Ladies
" Wrought, 3c. per tooth.
" Lawn or Daisy, $2.00 to 2 50 each.
" Wooden.
Saws, Pruning.
Scythes, English Lawn, $1.25 each.
" Grass.
" Bramble or Brush.
" Stones.
" Snaiths.
Scissors, Pruning, 75c. to 90c.
" " with bows, $2.00.
" Flower Gatherers.
" " handled.
Shears, Grass or Border, $1 25 to $3.50, fig. 106. 115 and 28.
" Border with wheel, $3.50 to $4.00, fig. 103 and 109.
" Pruning, $2.50, figure 201.
" Lopping, $1.50 to $3.50, figure 109.
" Sheep, 90c. to $1.00, figure 119.
" Hand Sliding Pruning, figure 111.
Spuds for weeding, $3.00.
Syringes, Brass, $3 00 to $8.50.
Tree Scrapers.
Trowels, English Steel.
" American
Vases, Iron.
" Earthenware.
Weeders, hand, Excelsior, 30c. each.
" Hazelton, 75c. each.
Watering Cans.
Wheelbarrows.
" Ladies.
" Railroad.

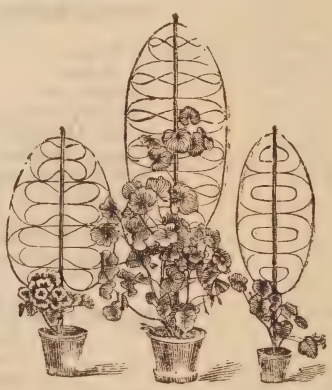
Agricultural Implements and Sundries.

Atomizers for distributing Paris Green.
Axes, Chopping, handled.
" Boys.
Apple Packers.
" Pickers.
Bags, Seamless Cotton,
" " Linen,
" " Jute.
Bag Holders.
Baskets, Galvanized.
" Chip, Flat and Satchel.
" Market Split and Stave.
" Bushel and half bushel.
Bee Hives.
Bull Rings, 60c. to 90c. each.
" Leaders, 35c.
Butter workers.
" Prints, Pads and Ladles.
Chains, Cattle and Trace.
Cheese Presses.
Cider "
Clover Hullers.
Corn Planters Horse and hand.
" Shellers, large.
" " small.
Cob Crushers.
Churns, Blanchard
" Cylinder.
" Union.
" Swing.
Cultivators, various.
Coal Sifters (Blanchard's).
Creamers.
Draining Tools, separate or in sets.
Earth Augers.
Flails.
Fanning Mills.
Farmers' Boilers and Covers.
Forks, Hay, 2 and 3 tined.
" Barley, Steel and Wooden.
" Manure, 4, 5 and 6 tined.
" " long handled.
" Potato.
Gates, Wrought Iron.
Grain Cradles and Scythes.
" Crushers.
Grinding Mills, small.
Grindstones.
Hames, Scotch.
Handles, Wooden, Fork, Hoe and Rake.
" Axe, Pick
Harrows, Iron Tooth.
" English Chain.
Hay Tedders.
Horse Forks, Harpoon with all fixtures complete.
" Rakes.
" Pokes.
Hoes solid Shank Socket.
" Turnip, Draw, Onion.
" Mortar.
Hay Knives, ordinary.
" " lightning.
Manure Forks.
Meat Cutters.
Mowing Machines.
" " Parts, Buckeye.
Ox Bows.
" Yokes.
Plough Line.
Ploughs, various patterns and kinds.
Potato Diggers.
Pumps, Wooden.
Root Cutters and Pulpers.
Road Scrapers, Cast Iron.
" " Steel.
Sausage Stuffers.
Scythes, various kinds.
Scythe Stones.
" Snaiths, patent and common.
Seed Sowers, Matthews.
" " Planet Jr.
" " Cahoon's Broadcast.
" " Somerville "
Sieves.
Shovels, Long and Short handled,
" Square and round pointed.
" Rigold.
" Grain.
" Coal.
" Snow.
Spades, Cast Steel.
" English imported.
Store Trucks, various sizes.
Straw Cutters.
" " Knives,
Stump Extractors.
Tincture presses.
Wheelbarrows.
" Railroad.
Whipple Trees.
Wine or Lard Presses.
Well Covers.





		3½	Fan.		each.	3 ft. Veranda.	Arch Top Ivy.	3 ft. Cross.		
3½ ft.	Fan.	21	in. wide at top,		65c.					
4	"	27	"	"	70c.	8½ in. wide.	14 in. wide.	15½ in. wide.		This cut represents 11, 20 & 63 in. Ivy.
5	"	32	"	"	80c.					
6	"	38	"	"	90c.	24 in. high.	28 in. high.	24 in. high.		Price....60c., 85c. and $1.00 each.
7	"	42	"	"	1.10					
8	"	48	"	"	1.20	45c. each.	$1.10 each.	45c. each.		



	No. 0 wide.	No. 2.	3*	1	No. 00 wide.
5 ft. Veranda.	20 in. stick, 8 in. wide, 15c. each.	No. 1—18 in. stick, 10 in. wide, 30c. each.			20 in. stick, 2 in. wide, 10c. each.
		No. 2—20 " 12 " 40c. "			No. 5, 85c. each
		No. 3½-24 " 15 " 60c. "			

VERANDA—Of this style there are eight regular sizes. viz: 5, 6, 7, 8, 9, 10, 11 and 12 feet, from 90c. to $2.50 each.

FOLDING PLANT STAND—The frame folds together, thus making a compact and convenient article for transportation and storage. Price $3.50.

No. 4—(No. 4, same as No. 5) 4 feet stick, 14 inches wide, 75c. each.

No. 5—6 feet stick, 18 inches wide, 80c. each.

No. 6—(Same style as No. 5) 1 foot stick, 20 inches wide, $1.00 each.

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IMPROVED CANADIAN FLOWER POTS Extra Make and Finish.

Inches Diameter.		Inches Diameter.	
5	$0 50 per doz.	9	$2 25 per doz.
6	0 75 "	10	3 00 "
7	1 00 "	11	4 00 "
8	1 50 "	12½	0 75 each.

Saucers half the price of Pots.

COMMON CANADIAN FLOWER POTS.

Inch Diam.		
2	$0 13	per doz.
3	0 15	"
4	0 20	"
5	0 25	"
6	0 35	"
7	0 50	"

In. diam.		
8	$0 80	per doz.
9	1 00	"
10	1 50	"
11	2 00	"
12	3 00	"

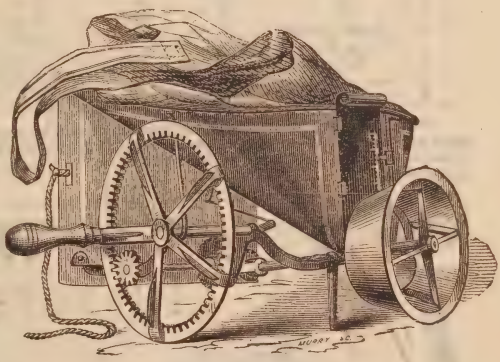
Saucers 15 to 20 Cents per dozen according to size.

IMPORTED SCOTCH FLOWER POTS.

ORNAMENTAL FLOWER POTS, FERN STANDS, VASES, &C.

6 inch pots	per doz.	$1 25
7 "	"	1 75
8 "	"	2 50
9 "	"	3 50
6 inch Saucers	"	1 00
7 "	"	1 50
8 "	"	2 00
Borghese Vase, height 21 in. diameter 15 in.	each	5 00
Florence " " 21 " 15 "	"	4 00
Wellington " " 28 " 9 "	"	3 50
Warwick " " 11 " 8 "	"	5 50
Pompeii " " 9½ " 5½ "	"	1 50
Orchid Hanging Baskets, Nos. 1 and 2—6, 7, 8, 9, 10, 11, 12, 14 in. diameter	each 40c. to	1 00
4	per doz.	0 75
5	"	1 00
6	"	1 40
Common Orchid Pots 6, 7, 8, 9, 10, 11, 12 in 25c. to		1 25
Ornamental Fern Stands—7, 8, 9, 10 11, 12, 13, 14 in.	1 00 to	3 00

15 inch pots	per doz.	4 75
11 " "	"	7 00
12 " "	"	10 00
14 " "	"	12 00
9 inch Saucers	per doz.	3 00
10 " "	"	4 25
Taza Fern Stands—14 in.	each	2 50
Bracket Pots	"	1 25
Window Pans	" 75c. to	1 00
Square Seeds Pans, No. 1	" 60c. to	1 00
Fancy Flower Pots	" 75c. to	1 00
Plain Fern Pans	" 40c. to	1 00
Round Seed Pans	" 45c. to	1 00
Crocus Pots, No. 1, Hedge Hog		1 25
" No. 2, Plain Bee Hive		1 25
" No. 3, Eye Shaped		1 25
" No. 4, Bee Hive		1 25



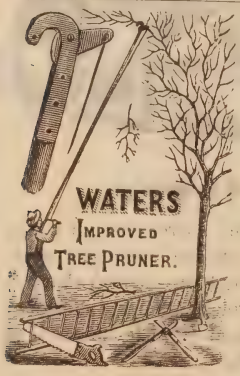
Cahoon's Broad Cast Seed Sower.

It consists of a light sheet iron-work, with a canvas bag or hopper surrounding it which will hold about half a bushel of seed. It is suspended by a strap from the operator's neck, and held in position by a strap round his waist. The grain falls through an opening that can be graduated as to the quantity sown per acre, and is discharged through a flanged mouth or spout. The seed is thrown from 9 to 30 feet on each side of the operator. The machine, at a common walking gait, sows from 4 to 8 acres an hour.—Price, $6.50.

CAST IRON VASES.

	Height of Vase.	Diam. of Top.	Width of Top	Price of Vase only	Height of Vase with Pedestal	Diam. of Top.	Diam. of Bottom.	Price of Vase complete with Pedestal.
No. 1	15 in.	13 in.	10 in.	$3.00	30 in.	9½ in.		$5 50
" 2	20 "	16 "	16 "	4.00	41 "	11 "	14 "	7 50
" 3	24 "	24 "	24 "	6.00	48 "	25 "	17 "	12 00
" 4	Same pattern as No. 6 Extended	.....	.....	.....	19 "	13 "	10 "	7 50
" 5	.....	.....	.....	.....	25 "	13 "	11 "	7 50
" 6	.....	.....	.....	.....	24 "	14 "	14½ "	7 50
" 6	Extended	.....	.....	.....	31 "	23 "	14 "	10 00

These vases are painted white or brown, as may be desired, and are of a very graceful shape and handsome appearance. The handles are attached with wrought iron bolts, so that there is no risk of breaking. The Pedestal is not only cheaper than a stone vase, but is more desirable on account of its general appearance and portability.



WATERS'
IMPROVED TREE PRUNER.

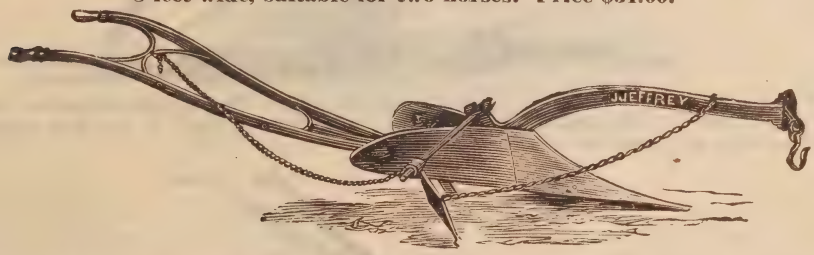
Length of pole, 4 feet, weight 2¼ lbs. $1.25
" " 6 " " 3¼ " 1.25
" " 8 " " 3½ " 1.25
" " 10 " " 4¼ " 1.25
Extra knives ..... per dozen 3.00
" " ..... each 0.30

IRON HARROWS IN THREE OR FOUR SECTIONS.
Price $15.00 to $17.00 according to weight and number of teeth.

Howard Patent Steel Chain Harrows.

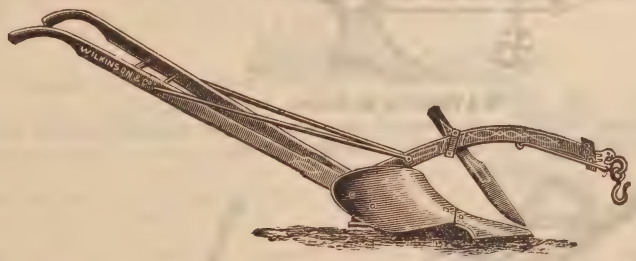
This is the most perfect Grass Harrow ever produced. it is not liable to get out of order, the points of the tripods being immovably fixed to wrought steel rods, and chilled all over. They are longer on one side than the other, and rounded off at the back. This Harrow is as efficient for arable land as the common chain or light Harrow while at the same its superiority as a Grass Harrow is fully maintained. These Harrows will do as much in going over the field once as the ordinary Chain Harrow will do at three times, when used upon arable land, the Harrow should be drawn the reverse way.

8 feet wide, suitable for two horses. Price $34.00.



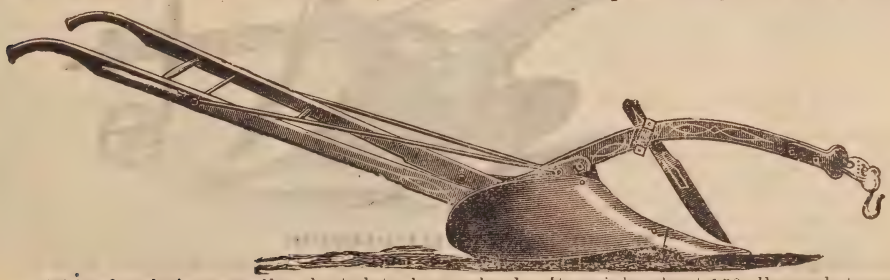
Jeffrey's Scotch Wrought Iron Double Mould-Board or Ridging Plough, with Markers complete—Price $26 00 to $30.00.

G. WILKINSON & CO.'S ONE HORSE PLOUGH. Price, $10,00.



Especially adapted for gardens, in towns and villages. Invaluable on a fruit farm. among trees. &c. It has a wrought beam and wooden handles and is light and durable.

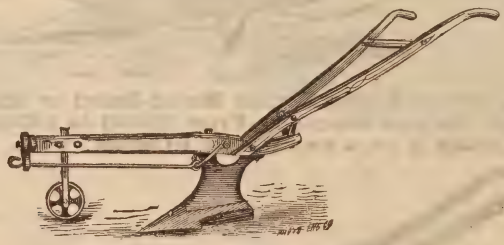
G. WILKINSON & Co.'s No. 3—I.X.L.—Sod or General Purpose Plough. Price $18.00.



This plough is generally adapted to heavy land. It weighs about 150 lbs, and turns a urrow from 6 to 9 inches deep, and from 10 to 12 inches wide, is suitable for two or three horses, will clean in any soil, and is of very light draft. Handles medium length.

G. WILKINSON & Co.'s No. 4 COMBINATION. Price, $16.00

This is a favorite plough for its cleaning qualities. Since the last improvements have been made it stands at the head of the list as a general purpose plough, it has steel mould-board, landside, and beam and wooden handles and only weighs 110 lbs.

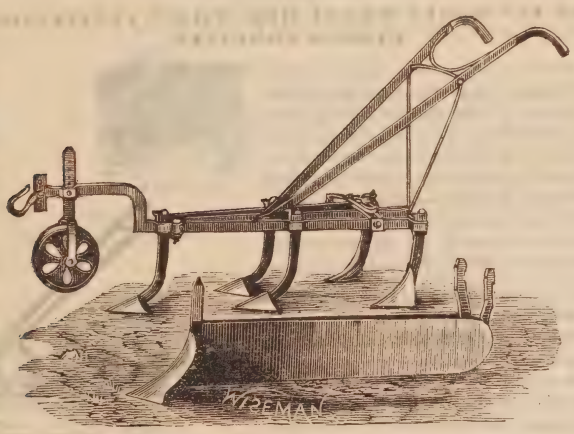


WATSON'S SUBSOIL PLOUGH.

It is intended to follow the furrow after an ordinary plough and stir and loosen the subsoil without bringing it to the surface.—Price, $12.00.

WATSON'S SIDE HILL PLOUGH.

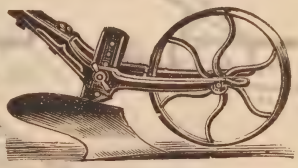
This plough is designed particularly for side hills where the furrows require to be all turned the same way. It is also used extensively on level ground as it allows the seeding and harrowing to be finished up to the last furrow ploughed each evening. The mould-board and share are hinged in such a way that they be changed from one side to the other, making a right hand plough at will.—Price, $18.00.



Iron Cultivator.

This Cultivator manufactured by Copp Bros, can be confidently recommended to the public as being in advance of any thing of the kind yet introduced. In working between narrow rows the slides are so constructed that the bars will come close together. The teeth in front and rear are stationary, but the centre ones can be moved back and forward as desired. The boards shown with the cultivator are used for moulding up potatoes or other root crops, and are fastened to the frame in the same manner as teeth. Weeder knives can be furnished if required. Price $14.00. With boards, $16.00.

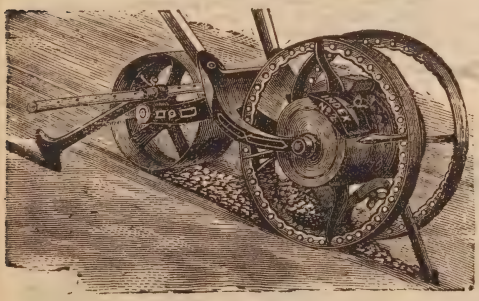
The "Fire-fly" Wheel Garden Plough.



Makes the care of a vegetable garden a pleasure, and many families who could not find time to keep a garden, if attempting its cultivation with an ordinary hand hoe, can raise their own vegetables successfully with the "Fire-Fly"; It takes the place of the horse and plough, or cultivator, requiring no wide headlands to turn on, and is invaluable during all the gardening season. The price is reduced to $3.00.

THE "PLANET JR.," AND "FIRE-FLY" GARDEN DRILLS, WHEEL HOES, WHEEL CULTIVATORS, HORSE HOES AND GARDEN PLOUGH.

Thts is the most complete line of goods, and although they are light and easy running, they are practical all day tools; admirable in design, workmanship, material and finish; they are acknowledged to be the most perfect and reliable made. **A complete descriptive catalogue,** illustrated with over 40 engravings showing the tools at work will be mailed free on application.



The "Planet Jr." No. 2 Drill.

Holds 7½ quarts. It will sow with equal ease and accuracy, a single paper of seed or a full hopper, covering evenly at an exact depth, and will roll down and mark the next row perfectly, all at a single passage, it has no cams, levers, brushes, cogs, springs or shakers. It is noiseless, automatic, self-cleaning and always reliable. It is remarkable for simplicity, strength and beauty and for ease and perfection of work in the field, and no one having use for such a tool can afford to buy any without such advantages, it is the latest improved and best.

Price, $10.00 boxed.

THE "PLANET Jr." SINGLE WHEEL HOE, WHEEL CULTIVATOR and WHEEL PLOUGH COMBINED.

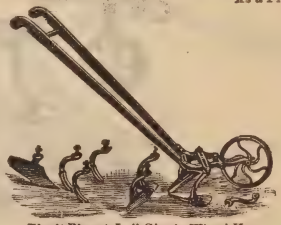
In improving this tool care has been taken to combine extreme lightness, strength, variety of tools and great adjustability. It has *one pair of long* and *one pair of short* exchangeable *hoes*, a set of *three reversible cultivator teeth*, and a *steel garden plough*. All the blades are tempered and polished steel. This tool is pronounced by practical men as without an equal in beauty of design and finish, ease of operation, quality of work, and variety of adjustment, and in this improved form it is, unquestionably the lightest running most convenient and practical Single Wheel Hoe known.

The form of the blades has proved superior to all other shapes, insuring a forward slanting cut next to the plant, and consequent close work *without danger*, and at the same time thorough *cultivation of the soil*. The cultivator teeth in combination with the hoes, enable the operator to perform almost every variety of work, either in the field or garden. All rows from *six to eighteen* inches apart can be perfectly hoed at *one passage*. The frame allows every desirable adjustment, is quickly raised or lowered to a regular depth and the wheel can be attached centrally or to *either side of the machine* giving the operator the *important advantage* of hoeing both sides of the row at one passage, when desired.

Price, $6.00 boxed.

Hoeing Both Sides.

As a Plow.


The "Planet Jr." Single Wheel Hoe, Cultivator and Plow.

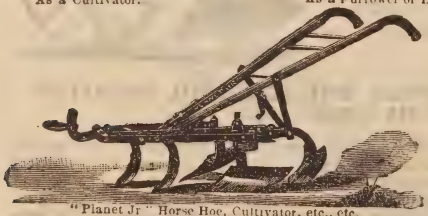
Hoeing To

As a Cultivator.

The "Planet Jr," Horse Hoe, Cultivator, Plough and Coverer Combined.

As a Cultivator.

As a Furrower or Hiller.


"Planet Jr" Horse Hoe, Cultivator, etc., etc.

As a Coverer, with Roller.

As a Coverer, with Leveling and Pulverizing Rake.

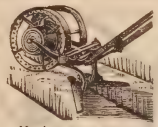
Radical improvements for 1888, place it still further beyond all competition. It is now made with entire high steel standards at once stronger and more satisfactory than the old style iron. Perhaps no tool that has ever been offered to the American public has so rapidly gained its confidence and commendation as the "Planet Jr." Combined Horse Hoe and Cultivator. It is excellent in design, workmanship and finish, capable of the greatest number of combinations, all of which are useful to every farmer and admirable for the purpose intended. The tool except the handles, is made entirely of wrought and malleable iron and has the standing clevis with locking pin, the stirrup clamp, the frame adjustable in width the handles changeable in height, teeth adjustable to depth or angle and reversible points. It is rapidly growing in favor for corn culture in the West, and among cotton growers of the South doing work with one horse superior to that of the ordinary two-horse cultivators.

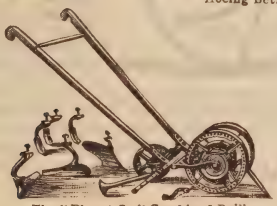
For all crops that are hoed by hand it is invaluable, preceding the hand hoe and saving three-fourths of the work. For all crops that are hilled and very few are not, nothing can exceed the perfection and ease with which the tool performs the work, breaking up the soil perfectly and hilling the crop much or little as desired. As a cultivator it can be furnished with any width teeth from 1½ inches to 4½ inches, adjusting it in every class of work and variety of soil. As an opening plough it is invaluable for marking furrows for potatoes, corn and all other crops. As a coverer it has no equal for corn, broom corn, potatoes, and in fact, any kind of covering, as it covers and rolls down the ground at one operation in ordinary field work or fits for setting out plants or for using the garden seed drill or wheel-hoe. The sale of this tool and the reputation gained by it over the whole of the United States and in many foreign countries, has probably never been surpassed by a similar implement in so short a time.

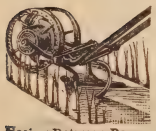
Combined Horse Hoe and Cultivator Seed	$12.00	Covering attachment	$4.25
Plain Cultivator	8.00	Wheel	1.25

The "Planet Jr." combined Drill, Wheel Hoe, Wheel Cultivator and Wheel Plough.

As a Plow.


Hoeing Both Sides.


The "Planet Jr." Combined Drill, Cultivator and Plow.


Hoeing Between Rows.

As a Cultivator.

This is the most popular tool I have ever sold and it is unrivaled in beauty of design, perfection of finish, convenience and capacity for work. It is suitable for either the Farm or Garden and except the "Planet Jr." separate tool has no equal either as a drill, or as a wheel hoe, cultivator or plough. As a drill it is exactly similar and equal to the No. 2, except in size. It holds one quart. As a *Plough* it opens furrows, covers them, hills, ploughs to and from, &c. As a *Hoe* it works safely and closely to and from both sides of the row at once at the critical time when plants grow larger, working all rows from 8 to 16 inches wide at one passage. As a cultivator, it is admirably adapted to deep mellowing of the soil. The blades are *tempered* and *polished steel.* It has a finely adjusted spring brass seed reservoir, an adjustable plough—two carrying and covering wheels; the new permanent *seed index*, the *cleaner* and *marker* all combining to make a perfect tool It sows all garden seeds accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking down the next row all at one passage, in the most reliable and perfect manner. Each machine is sent out with the tools shown in the cut and by removing the roller and one bolt is ready to be used as a Wheel Hoe, Cultivator or Garden Plough.

Price, $12.00, boxed.

The "Planet Jr." Double Wheel Hoe, Wheel Cultivator and Wheel Plough.

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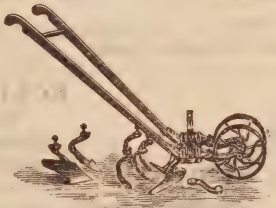
Will do the work of from 6 to 10 men with the common hand hoe among market garden and root crops, nursery stock, &c., and is especially adapted to onion culture. It is light, firm, strong, quickly set and easily managed. Each one is sent out with all the tools shown in the cut; all the blades are tempered aud polished steel. The tool is light and graceful, made of the best material and highly finished, and nothing can exceed the perfection and variety of work it performs. The hoes cut from 6 to 16 inches wide, and can be used to throw to or from the row, working both sides of the row at once, far closer, faster and better than is possible with the most perfect tool made for hoeing only between rows. The 4 cultivator teeth work beautifully among larger plants, mellowing the soil thoroughly. The ploughs are useful in weeding crops, in opening furrows and covering and in hilling large plants. The wheels are adjustable in height and can be set 7 to 10 inches apart, or for working between crops as a Single Wheel Hoe at four inches apart.

Price, $8.00, boxed.

Cultivating Two Rows.

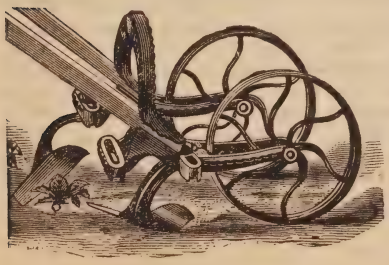
Earthing Up


The "Planet Jr." Double Wheel Hoe Cultivator and Plow.

Hoeing Between Rows.

Hoeing Both Sides.

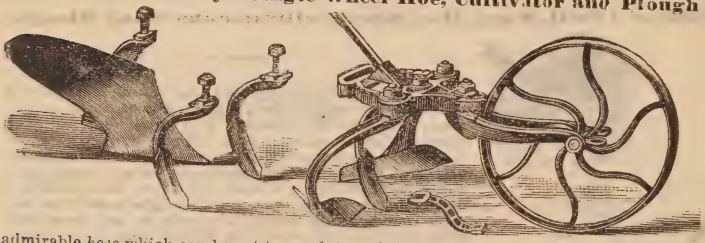
The "Fire-Fly" Double Wheel Hoe for Rows and Hills.



Is still another new tool, this one bound to be the special favorite of onion-growers, for though we recommend the "Planet Jr." Double Wheel Hoe, Cultivator and Plough, as unexcelled for variety of tools and perfection of adjustment, this most simple hoe costs comparatively less, while answering perfectly the wants of those who need a hoe only. It is a beautiful piece of workmanship, its two finely polished hoes being adjustable for width and to throw slightly either toward or from the row, while the handles are adjustable to suit a boy or the tallest man. A special feature in addition is an arrangement of the frame by which the hoes as shown in the cut, are adapted to perfect hoeing of plants in hills with as little fatigue and almost as rapidly as when in drills. This is an admirable feature, and we have never offered anything so entirely practical and perfect.

Price, $5.00, boxed.

The "Fire-Fly" Single Wheel Hoe, Cultivator and Plough Combined.



This is a new claimant for public favor, and is sure to receive a large share of it, for it combines lightness and strength with the greatest adjustability while its highly polished and tempered steel tools make gardening comparatively a pleasure The tools are all made after the most perfect models and are first. *a pair of* admirable *hoes* which can be set to work to and from the row, and to any desired depth. Next, a set of *three reversible cultivator teeth* to be used together, or singly or in conjunction with the hoe. Third. *a large and excellent garden plough.* The handle is made of stiff iron, and the whole tool is light and strong, attractive in appearance and capable of standing hard usage for years, while the price is its final recommendation. $4.50, boxed.

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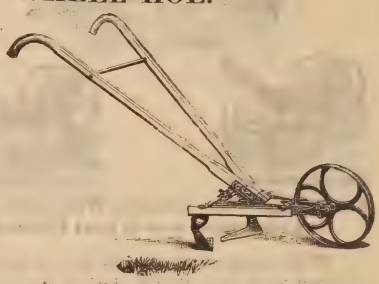
MATTHEW'S IMPROVED WHEEL HOE.



The Matthew's Improved Wheel Hoe is confidently offered to the public as the best made, best working and easiest adjusted Wheel Hoe ever produced.

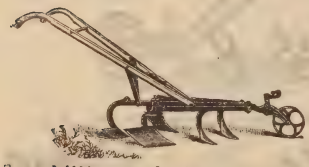
It spreads from 6 to 14 inches and will cut all the ground covered, even when spread to its greatest extent. The depth of the cut may be accurately gauged by raising or lowering the wheel which is quickly done. *A boy can do as much work with it as six men with common hoes.*

It is made to receive the Matthew's Improved Hand Cultivator Teeth, and it has this advantage over any other Wheel Hoe; that it can be used with the forward tooth in connection with the Hoes as shown in the cut, or it can be used plain, that is, without the forward tooth if desired.

PRICES.

Plain Boxed	$6 00	Full set of Cultivator Teeth (steel	$2 50
Forward Cultivator Tooth	0 50		

ECLIPSE HORSE HOE.



The Eclipse Horse Hoe is an implement that no successful Farmer or Market Gardener can be without, for while it is invaluable as a Horse Hoe, it can also be used with its different attachments as a

Horse Hoe, Cultivator, Plough and Coverer, Combined.

The side hoes or plates are reversible, thus giving double wear and the standards have adjustments that allow more or less hilling and also regulate the depth as desired. By changing the hoes from one side to the other which is easily done, the earth can be thrown from the crops.

PRICE LIST.

Eclipse Horse Hoe, plain	$11 00
" and Cultivator Combined with wheel	13 00
Combined Horse Hoe, Cultivator and Coverer	15 50
" Cultivator, plain	10 00
Wheel attachment only	1 25
Attachment to make a Horse Hoe or Cultivator	3 25
" " Cultivator of Horse Hoe	1 50
Steels for (side) Hoes, each	0 75
" Cultivator, set of Five Reversible	1 50
" Rear Hoe or Sweep	0 75
Standards for Horse Hoe or Cultivator (steel)	0 75

Matthews' Garden Seed Drill

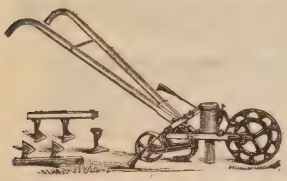
PRICE, $13.00 BOXED.

We know of no hand Garden Seed Drill for sowing vegetable seeds, &c., which has met with the popularity of the Matthew's Garden Seed Drill among leading seedsmen and market gardeners everywhere, and therefore heartily recommend it to our customers. It has been many years in use, and its largely increasing sale is the best evidence of its merit.

It is designed for use in field or garden. When in operation it opens the furrows, drops the seed accurately at the desired depth covers it and lightly rolls the earth over it and at the same time marks the next row. It will sow *Beet, Carrot, Onion, Turnip, Parsnip, Sage, Spinach, Sorghum, Peas, Beans, Fodder-corn, Broom-Corn, &c.*, with a certainty, regularity and rapidity, impossible for the most skilful hand to do.

A valuable feature in this Drill is its patent INDICATOR with names of different seeds on it for adjusting the drill to sow different kinds of seeds, which is done by simply turning the Indicator until the name of the seed you want to sow comes to the top. No other drill is furnished with this ingenious device.

The drill is complete in all its arrangements, it is made of the best material throughout, and is constructed with such care and nicety of finish, that it will last many years, and do a vast amount of work without requiring any repairs.



MATTHEWS' IMPROVED DRILL and CULTIVATOR Combined.

PRICE, $15.00 BOXED.

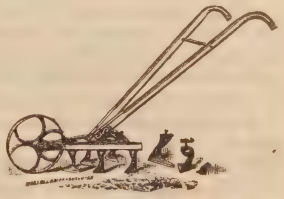
The Matthews' Drill and Cultivator Combined has been greatly changed and improved. It has a larger wheel with a wider flange to it, a new conductor and a new coverer, so that as a drill it now possesses all the features of the Matthews' Garden Seed Drill of a smaller size. It has the same patent **Indicator** as that. The Cultivator attachment has also been greatly improved by providing it with a new set of teeth of an improved pattern with **Steel Blades** of the best quality so that as a cultivator it is now similar to the Matthews' Improved Hand Cultivator. Therefore as now constructed, this machine cannot fail to prove very efficient for use, either as a drill or cultivator, and will be found to be adapted for any kind of soil.

We can furnish for the Matthews' Improved Drill and Cultivator, if desired, a pair of superior style

HOES WITH LONG STEEL BLADES,

for use in exchange with the cultivator teeth, which are easily and quickly adjusted at $2.00 per pair, complete.

Matthews' Improved Hand Cultivator.



PRICE, $6.50 BOXED.

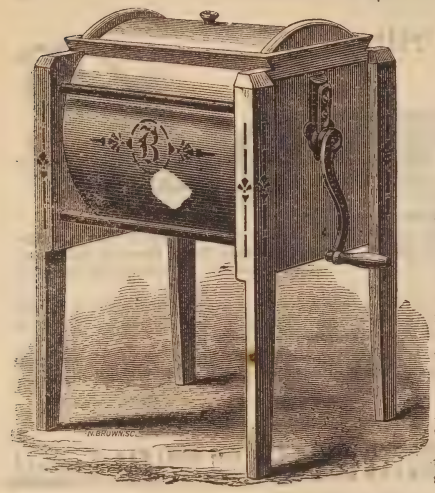
The Matthews' Hand Cultivator has been also changed and improved. It is now made with a larger wheel, and with larger flange to it. It is also provided with a new set of teeth of an improved pattern having **Steel Blades** of the best quality, and as now constructed will, we think, prove greatly superior to what it was before, and be found to be perfectly adapted for use in any kind of soil.

It is thoroughly constructed throughout, very durable and easy to operate. A boy can do as much with it as six men with hoes. It spreads from 6 to 14 inches and will cut all the ground covered even when spread to its greatest extent. The depth of cultivating may be accurately gauged by raising or lowering the wheel, which is quickly done.

We can furnish for the Matthews' Improved Hand Cultivator, if desired, a pair of superior style

HOES WITH LONG STEEL BLADES,

for use in exchange with cultivator, which are easily and quickly adjusted, at $2.00 per pair, complete.



The "New" Blanchard Churn.

No. 3,	for about	2	gallons of	cream.....	$ 7	00
No. 4,	"	4	"	"	8	00
No. 5,	"	8	"	"	9	00
No. 6,	"	10	"	"	11	00
No. 7,	"	18	"	"	13	00

I take great pleasure in introducing to the Dairy Public the recent improvements made in the well known **Blanchard Churn.**

The *special* advantage claimed for "**The New Blanchard,**" is an improved form for the body of the Churn. By making the top circular, as well as the bottom, all the cream *must be churned alike and at the same time.* This new form does not require that the cream should be scraped down from the sides of the cover while churning and *makes streaked butter impossible.* It is stronger and more durable than the old form. The body of the Churn is made with matched staves from the best Michigan pine about three quarters of an inch thick. All the lumber is thoroughly kiln dried. The new Dasher being more simple than the old, requires much less power to turn it.

It has been proved by accurate experiments the past year, that the New Blanchard will make *more butter* from the same amount of cream than the old form.

It also combines *all the advantages* of the former manufacture, which may be briefly stated as follows.

1. Perfect quality of all material used.
2. Excellence of Manufacture.
3. Simplicity of construction, having no cog wheels or gearings.
4. Durability.
5. Ease of operation.
6. The action of the dasher is such as to cause agitation of the cream by creating currents, and not by beating or friction of the cream, which injures the grain of the butter
7. The reverse motion of the dasher gives a pressure to the butter, by which the butter-milk may be all worked out and the salt worked in, without removing the dasher.
8. Facility of removing the dasher and getting at the butter.
9. Ease of cleaning, the form of construction making the inside without any inaccessible or visible angles or corners.

THE BLANCHARD BUTTER-WORKER.

The BLANCHARD BUTTER-WORKER is constructed on an entirely new principle, which does not *work* the butter at all, but which *takes out all the butter-milk*, on the principle of direct and powerful pressure. and which *does not* and *cannot* injure the grain of the butter. It is a pressure made by cams, operated by a simple lever giving the most powerful pressure known in mechanics

Such is the construction of the machine that the pressure is obtained with very little effort, and it is so simple as to be easily understood and operated. It is a cheap machine, costing but a small amount at first, and so simple and durable in its form that it will last a long time. Should any part break by accident, it can easily be repaired by any ordinary machinist.

The same movements which work out the butter-milk, will *quickly*, *easily* and *perfectly* work in the salt. The entire working and salting can be done without touching the hands to the butter. No second working is required.

The Butter-worker is not intended to work a large amount at one time; but the smaller size (No. 2) is guaranteed to work and salt *perfectly* five pounds in *two minutes*, and the next larger size (No. 3) ten pounds, as perfectly, in the same time. A large quantity can be worked *as quickly*, *more easily* and *more evenly* in lots of ten pounds each, than all at once by any other method. It is guaranteed that the butter will be left *in better condition, every way*, than when worked by the most skilled person by hand, or by any other machine.

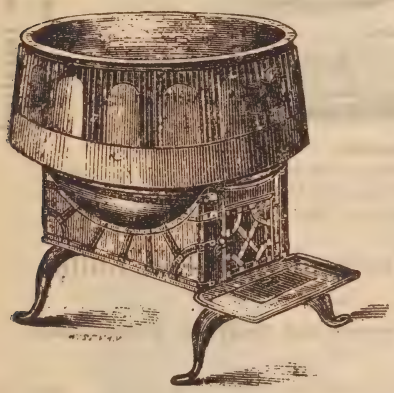
Prices—No. 2, $10.00.—No. 3, $12.00.

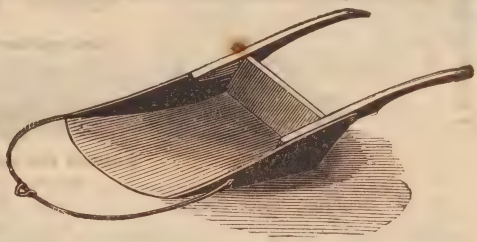
Circular giving further details and directions or use sent on application.

CYLINDER CHURN.

This is a favorite style of Churn in use for many years. Five sizes are made, to hold from three to fifteen gallons.

No. 1	$2 50
No. 2	3 00
No. 3	3 50
No. 4	5 00
No. 5	5 50





ROAD SCRAPER.

No. 2, Road Scraper, all cast iron with wrought bail, wooden handles.

Price..... ..... $7.50.

SOLID STEEL SCRAPER.

The perfect Scraper made of a single sheet of steel PRESSED into the best and most practical shape for working. It is made with one continuous curve from the centre up the side and back, giving it greater strength and capacity than can be obtained in any other way.

It is without JOINT or SEAM, and there is not a sharp corner, angle, bolt, brace or stayrod about the scraper. No. 2 with runners, $13 00; No. 2 without runners, $12.00.

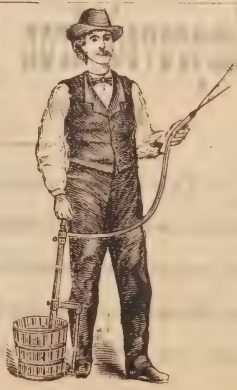
AGRICULTURAL FURNACES.

1 Barrel or 30 gallons without cover	$15 00	with cover	$17.50
1 " 45 " "	20.00	"	23.00
2 " 60 " "	25.00	"	28.00

This furnace is of modern design and construction; the flues are so arranged that the heat thoroughly encircles the boiler. It will boil quicker and with *less fuel* than any other furnace known.

THE AQUAPULT,

A PORTABLE BRASS PUMP.



This pump will easily throw five gallons of water per minute forty feet high, with power of one hand applied. The operator stands firmly on both feet, in a natural easy position.

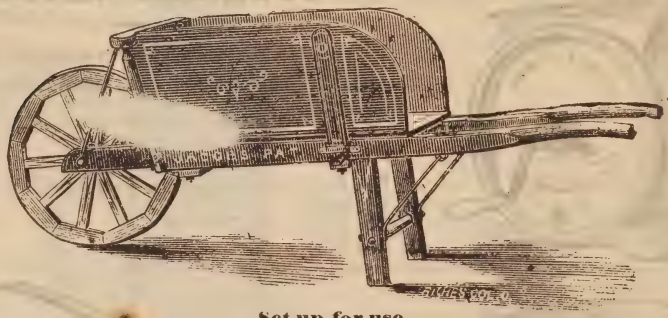
It is invaluable for washing windows, carriages, watering gardens, throwing liquids on roses, trees, plants, pumping water from boats, cellars, &c., also for extinguishing fires, and wetting roofs near fires.

In hundreds of cases large conflagrations might have been avoided by the use of this simple apparatus.

It is compact and weighs but five pounds. Price, with three feet hose and discharge pipe, two sizes, $8.00 and $9.00.

GARDEN OR FARM BARROW—W th Jacob's Patent Wheel.

The Perfect Garden Barrow.
Plain and Extra Finish.

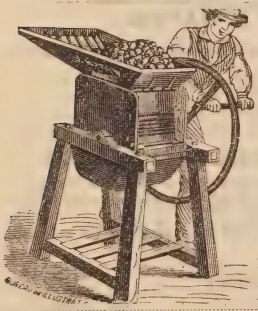


Set up for use.

Folded for shipping.

Only a moment's time required to set up for use.

No. 3, Extra finish	$6.00	Jeffrey's Garden Barrow, No. 1	$5.00
No. 3, C plain	5.25	Wilkinson's Garden Barrow, No. 1	4.50
No. 2	5.50	Ladies or Boys Garden Barrow, No. 1.	4.00



Gardiner's Double-Action Root Cutter.

First Prizes at Toronto and Montreal Exhibitions.

Gardiner's Double-Action Root-Cutter improved $34.00

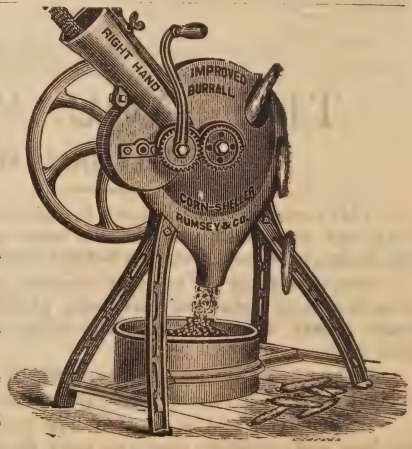
IMPROVEMENTS—The cylinder has been enlarged, making it less liable to choke with turnips. The hopper ends have been made on a curve and the slicing knives corrugated to catch and prevent the turnips from rolling.

RUMSEY'S

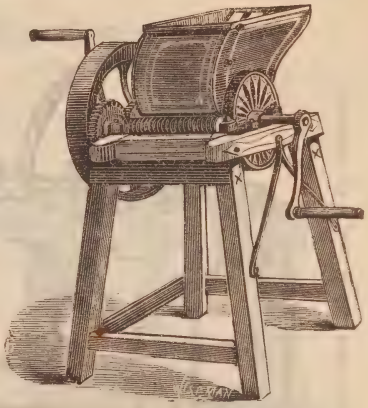
Improved Iron Corn Sheller.

PRICE - - - $10.00.

This is made entirely of iron and will shell about one hundred bushels per day. The seed is perfectly separated from the cob in delivery by the action of the machine. It is probably the only iron corn sheller in use



BENTALL'S PATENT ROOT PULPERS.



Awarded First Prizes at

Toronto, Montreal and St. John.

Bentall's Root Pulper No. 2 ..... $34 00

" " " No. 1 (extra heavy) for power 42 00

It mashes roots to a pulp, for the purpose of mixing with cut feed.

Several of the leading stock breeders of Canada are using this machine and pronounce it superior to any other for the purpose.

Just what is wanted.

A first class article.

B. BELL & SON'S

ROOT CUTTERS AND PULPERS,

These Root Cutters and Pulpers are giving satisfaction, They are made either single or double.

The construction of the feed box is so that they cut to the last without any feeding with the hand. They have a grated feed box and all dirt drops through, away from the cut roots.

They are much cheaper than other cutters and will cut easily and fast.

Prices, $19 and $20

TURNIP SEED DRILL.

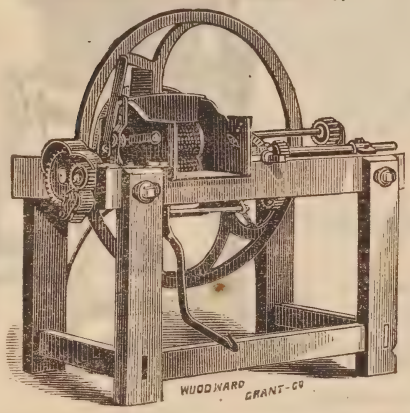
FOR ONE HORSE.

This improved Turnip Seed Drill is giving perfect satisfaction. The rollers are made of cast iron and are hollowed to fit the rows. They slide along the axles and will adjust themselves to any inequalities in the width of rows. The depth of the sowing is regulated by the hind rollers. The Seed Boxes are concealed from the weather, and are opened by the friction wheels running on the front rollers. By bearing on the handles sufficiently to raise the front rollers the sowing ceases, which is useful at the end of rows. The quantity to be sown is gauged by a band, with holes of various sizes perforated in it, which fits securely around each of the seed holes.

Price, $16.00.

POWER STRAW CUTTERS.

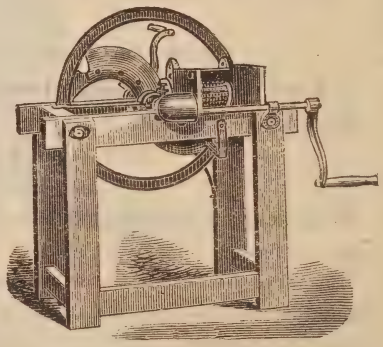
The Highest and only Award at the Centennial Exhibition.



The International Medal over all Competitors.

The Paris Straw Cutters have been before the public for a number of years and are now so well known that it is useless to say anything in their favor. For ten successive Provincial Exibitions they have been awarded the First Premium. They are made in four different sizes, and at different prices and are indispensable for those who make a business of stock raising.

HAND STRAW CUTTERS.



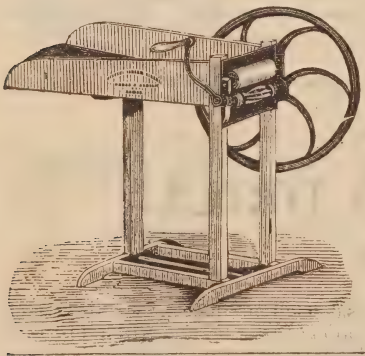
Awarded First Price at Toronto Industrial Exhition, 1879, 80, 81 and

Hundreds of these machines have been sold during the past seasons and have given entire satisfaction. They are particularly suited to those having a small farm or for stable use. Those having a horse or a cow will find it an economical implement.

Price, $27.00

Maxwell's New Straw Cutters with Patent Change Stop and Reverse Feed Motions.

No. 2	$50 00
No. 1	53 50
No. 1, with three knives	58 00
No. A. 1, with three knives, a powerful machine	$65 00



HIDE ROLLER HAY CUTTER.

(SPIRAL KNIVES.)

This cutter is made with spiral knives, which are set in the circumference of a cylinder or arbor and cut against a hide roller The cutter has been in use for many years, and has given general satisfaction, Any part can be replaced when worn out.

No.	No. of knives.	Length of Knives.	Length of Cut.	Price.
00	4	6 in.	3 in.	$ 8 00
0	5	6 "	1¾ "	9 00
1	6	6 "	1⅝ "	10 50
2	7	5 "	1⅜	11 50

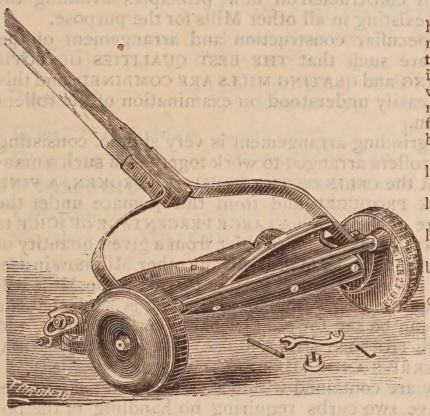
PATENT LEVER CORN CUTTERS.

Strong, simple and easily worked, as the parts need they can be tightened up and made as good as new.

This machine will Cut Corn Stalks and Straw as well as Hay, perfectly.

PRICE, No. 1, $8.00.....No. 2, $9.00.

The Philadelphia Lawn Mowers.



Nearly all the machines used in mowing lawns are much heavier than is necessary, and more labor is expended in mowing them than should be. To overcome this objection, these machines have been introduced. 12 inch cut with 6½ inch driving wheels. 14, 16 and 18 inch with 7 inch driving wheels; noiseless ratchets, swing stationary knife, self sharpening knives; lighter, stronger and more durable than heretofore; the gearing is effectually concealed and cannot clog, all being made of the best material.

The 12 inch machine weighs 24 lbs. and is intended for small lawns for ladies and boys. $7.00.

The 14 inch machine weighs 37 lbs. and is intended for lawns from ⅛ to ¼ acre, easily worked by a youth. $8.00.

The 16 inch machine weighs 41 lbs. and is intended for lawns from ¼ to ½ acre. Men's size. $9.00.

The 18 inch machine weighs 46 lbs. and is intended for lawns from ½ to ¾ acre. $10.00.

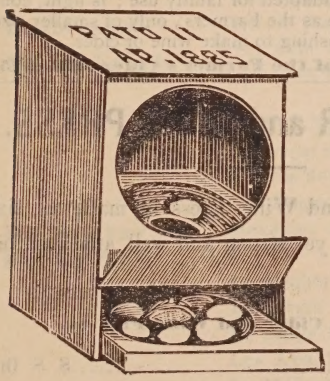
We warrant the above mowers to run easier in grass not over five inches high than any other cheap Lawn Mower.

Garden Rollers in two Sections.

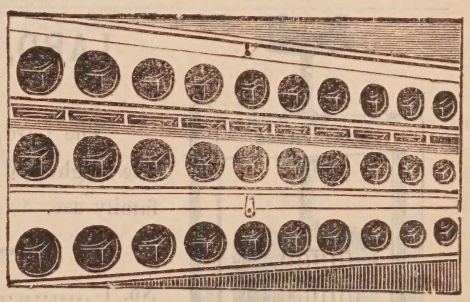
$16.00 and $20.00.

KREAMER'S IMPROVED HEN'S NEST.

PATENTED APRIL 11th, 1885.



A.

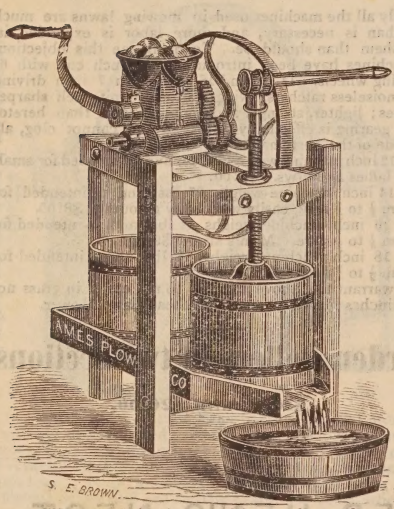


B.

The cut **A** represents the complete nest with door open. The cut represents a series of nests. This nest lately invented, is in the form of an ordinary hen's Nest in the bottom of which is an artificial nest-egg. In the centre of the Nest is an opening; the egg as soon as laid falls into a drawer provided with a cushion (pad) and rolls slowly inside. In this way several hens may lay one after the other in the same Nest, without the eggs being exposed to be broken.

PRICE—Single Nest, $1.00—Series of 6 Nests, $5.00—Series of 12 Nests, $9.00.

The National Farmers' and Family Cider and Wine Mills



are both constructed on new principles avoiding the defects existing in all other Mills for the purpose,

Tha peculiar construction and arrangement of the rollers are such that THE BEST QUALITIES OF BOTH CRUSHING and GRATING MILLS ARE COMBINED, and this can be easily understood on examination of the rollers in action.

The grinding arrangement is very simple, consisting of two rollers arranged to work together in such a manner that the CELLS OF THE FRUIT ARE BROKEN, A FINE POMACE PRODUCED and from this pomace under the pressure of the screw A LARGE PERCENTAGE OF JUICE IS OBTAINED, making more cider from a given quantity of apples, than can be made with any other Mill now in use.

The saving of cider by the use of these Mills will soon pay the cost. The arrangement is such that the roller can be set for either coarse or fine work, and they are THE BEST MILLS in use, FOR CRUSHING GRAPES, BERRIES AND OTHER FRUIT BEFORE PRESSING.

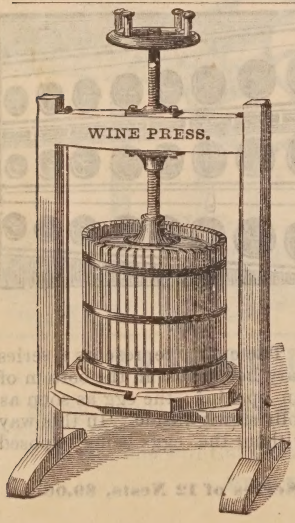
They are contained within a strong compact frame, and have two curbs requiring no handling of the pomace and crushed fruit, and avoiding the necessity of ceasing the work of grinding while the pressing is being performed, as in the case of other Mills of this class having but one curb.

The work is thoroughly performed, and more effectively than can be done by any Mills of the same class in the market, The arrangement of the two curbs enabling BOTH GRINDING AND PRESSING to be done AT THE SAME TIME, greatly facilitates the work, increases the capacity of the Mills, and allows more time for the juice to drain from the contents of the curb.

THE FARMER'S MILL is of large size, intended for those who make cider in quantities. Its capacity is from six to eight barrels per day. The Mill is furnished with pulley for the convenience of those having light power.

THE FAMILY MILL, as its names indicates, is specially adapted for family use ; is light, convenient, and easily operated, same in principle and operation as the Farmers', only of smaller size and is sold at a price that justifies its purchase by any one wishing to make wine or cider.

Price of the Family Cider Mill, $25.00. **Price of the Farmer's Cider Mill, $45.**



LARD, CIDER and WINE PRESS.

The Lard, Cider and Wine Press is made in six sizes, light and portable, yet strong and well adapted for family use.

Prices of Lard, Cider and Wine Presses.

No. 1	$ 8 00
No. 2	11 00
No. 3	16 00
No. 4	32 00
No. 4, Geared	36 00
No. 5, Geared	48 00

BOOKS KEPT FOR SALE BY WM. EVANS.

PRICES APPENDED INCLUDE POSTAGE.

ENGLISH.

Barre	Cream raising by the centrifugal and other systems, compared and explained, and the construction of Ice Houses	Illustrated	$ 50
Barre	Essay on W. H Lynch's work on Butter making		25
Barre	Construction of Ice Houses and Cold Storage Rooms	Illustrated	25
Wm. Saunders	Insects injurious to fruits	Illustrated	3 00
Waring's	Book of the Farm	Illustrated	2 25
Whitcombes	Canadian Farmers' Manual	Illustrated	2 50
Youatt	On the Horse	Illusttated	2 25
Youatt & Martin	On Cattle	Illustrated	1 75
Youatt	On the Sheep	Illustrated	1 15
Harris	On the Pig	Illustratéd	1 75
Richardson	On the Dog		35
Cooke's	Manual of the Apiary	Illustrated	1 50
Gray's	How Plants grow	Illustrated	1 00
Gray's	Lessons and Manual of Botany (in one)	Illustrated	3 00
Henderson's	Gardening for profit		1 75
Henderson's	Gardening for pleasure		1 75
Henderson's	Practical Floriculture		1 75
Henderson's	Hand Book of Plants		3 25
Henderson's	Window Flower Garden		1 00
	Tobacco Culture (paper)		50
	Farm and Garden Topics		1 75
Beadle's	Canadian Fruit, Flower and Kitchen Gardener	Ill'd & with chros	2 50
	The Country Gentleman	Per annum	3 00
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Alphonse Kerr	Voyage autour de mon Jardin		50
	Petit Traité sur le Dessèchement et le Drainage des Terres. Par E. A. Barnard, directeur de l'Agriculture, P.Q.		

EXCELSIOR LAWN MOWER.

SIDE-WHEEL MOWERS.				ROLLER MOWERS.			
10 Inch Cut	**$13.00**	**16 Inch Cut**	**$19.00**	**10 Inch Cut**	**$13.00**	**16 Inch Cut**	**$19.00**
12 " "	**15.00**	**18 " "**	**21.00**	**12 " "**	**15.00**	**18 " "**	**21.00**
14 " "	**17.00**	**20 " "**	**23.00**	**14 " "**	**17.00**	**20 " "**	**23.00**

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I continue to offer to the public the **EXCELSIOR LAWN MOWER** and claim for them the following general advantages over all other Mowers. They **Run Lighter, Cut Higher Grass, Need Less Repairs** and the adjustments are **More Simple.**

The **NEW SIDE-WHEEL MOWER** possesses many **important advantages** over any other Side-Wheel-Mower. It has patent *Self-Cleaning Gears* which *cannot Clog*. It is *Noiseless in its Operation*. It has an *Improved Ratchet without Spring to get out of order*. Its adjustments are more *simple*, and it is the **Lightest and Best** *Side-Wheel Mower in the Market*.

The **EXCELSIOR ROLLER MOWER** (shown above) is well known to the public. It is LIGHTER IN DRAFT than any other of this pattern. IT CUTS THE BORDERS, ROLLS THE GROUND, and the gears are perfectly covered. It does the most PERFECT WORK.

NEW EXCELSIOR HORSE LAWN MOWERS.

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I invite special attention to the **Excelsior Horse Lawn Mower.** Its **Sectional Castor Wheels** do not roll down the standing grass nor leave marks on the lawn. Its **Side-Draft Attachment** (which is furnished with the three larger sized Mowers) allows the horse to walk ONLY on the cut grass. I guarantee this to be the **Best Horse Lawn Mower Manufactured,** and to do **Perfect Work.**

PRICES:

25 Inch Cut, without Seat or Shafts	**$65**	**35 Inch Cut, with Seat and Shafts**	**$135**
30 Inch Cut, with Seat and Shafts	**110**	**40 Inch Cut, with Seat and Shafts**	**170**

The 25 inch Mower is furnished with Shafts when desired. Price $10. Horse Boots per Set, $12.

Full Directions for Setting-up, Adjusting and Using accompany each Mower. Every Mower fully Guaranteed. A Trial is solicited.